

CEQ Regulations Implementing NEPA and Appendices I, II, and III

Council on Environmental Quality
Executive Office of the President

REGULATIONS
For Implementing The Procedural Provisions Of The
**NATIONAL
ENVIRONMENTAL
POLICY ACT**



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PART 1500—PURPOSE, POLICY, AND MANDATE

Sec.

- 1500.1 Purpose.
- 1500.2 Policy.
- 1500.3 Mandate.
- 1500.4 Reducing paperwork.
- 1500.5 Reducing delay.
- 1500.6 Agency authority.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609) and E.O. 11514, Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55990, Nov. 28, 1978, unless otherwise noted.

§ 1500.1 Purpose.

(a) The National Environmental Policy Act (NEPA) is our basic national charter for protection of the environment. It establishes policy, sets goals (section 101), and provides means (section 102) for carrying out the policy. Section 102(2) contains "action-forcing" provisions to make sure that federal agencies act according to the letter and spirit of the Act. The regulations that follow implement section 102(2). Their purpose is to tell federal agencies what they must do to comply with the procedures and achieve the goals of the Act. The President, the federal agencies, and the courts share responsibility for enforcing the Act so as to achieve the substantive requirements of section 101.

(b) NEPA procedures must insure that environmental information is available to public officials and citizens before decisions are made and before actions are taken. The information must be of high quality. Accurate scientific analysis, expert agency comments, and public scrutiny are essential to implementing NEPA. Most important, NEPA documents must concentrate on the issues that are truly significant to the action in question, rather than amassing needless detail.

(c) Ultimately, of course, it is not better documents but better decisions that count. NEPA's purpose is not to generate paperwork—even excellent paperwork—but to foster excellent action. The NEPA process is intended to help public officials make decisions

that are based on understanding of environmental consequences, and take actions that protect, restore, and enhance the environment. These regulations provide the direction to achieve this purpose.

§ 1500.2 Policy.

Federal agencies shall to the fullest extent possible:

(a) Interpret and administer the policies, regulations, and public laws of the United States in accordance with the policies set forth in the Act and in these regulations.

(b) Implement procedures to make the NEPA process more useful to decisionmakers and the public; to reduce paperwork and the accumulation of extraneous background data; and to emphasize real environmental issues and alternatives. Environmental impact statements shall be concise, clear, and to the point, and shall be supported by evidence that agencies have made the necessary environmental analyses.

(c) Integrate the requirements of NEPA with other planning and environmental review procedures required by law or by agency practice so that all such procedures run concurrently rather than consecutively.

(d) Encourage and facilitate public involvement in decisions which affect the quality of the human environment.

(e) Use the NEPA process to identify and assess the reasonable alternatives to proposed actions that will avoid or minimize adverse effects of these actions upon the quality of the human environment.

(f) Use all practicable means, consistent with the requirements of the Act and other essential considerations of national policy, to restore and enhance the quality of the human environment and avoid or minimize any possible adverse effects of their actions upon the quality of the human environment.

§ 1500.3 Mandate.

Parts 1500 through 1508 of this title provide regulations applicable to and binding on all Federal agencies for implementing the procedural provisions

of the National Environmental Policy Act of 1969, as amended (Pub. L. 91-190, 42 U.S.C. 4321 et seq.) (NEPA or the Act) except where compliance would be inconsistent with other statutory requirements. These regulations are issued pursuant to NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 et seq.) section 309 of the Clean Air Act, as amended (42 U.S.C. 7609) and Executive Order 11514, Protection and Enhancement of Environmental Quality (March 5, 1970, as amended by Executive Order 11991, May 24, 1977). These regulations, unlike the predecessor guidelines, are not confined to sec. 102(2)(C) (environmental impact statements). The regulations apply to the whole of section 102(2). The provisions of the Act and of these regulations must be read together as a whole in order to comply with the spirit and letter of the law. It is the Council's intention that judicial review of agency compliance with these regulations not occur before an agency has filed the final environmental impact statement, or has made a final finding of no significant impact (when such a finding will result in action affecting the environment), or takes action that will result in irreparable injury. Furthermore, it is the Council's intention that any trivial violation of these regulations not give rise to any independent cause of action.

§ 1500.4 Reducing paperwork.

Agencies shall reduce excessive paperwork by:

(a) Reducing the length of environmental impact statements (§ 1502.2(c)), by means such as setting appropriate page limits (§§ 1501.7(b)(1) and 1502.7).

(b) Preparing analytic rather than encyclopedic environmental impact statements (§ 1502.2(a)).

(c) Discussing only briefly issues other than significant ones (§ 1502.2(b)).

(d) Writing environmental impact statements in plain language (§ 1502.8).

(e) Following a clear format for environmental impact statements (§ 1502.10).

(f) Emphasizing the portions of the environmental impact statement that are useful to decisionmakers and the public (§§ 1502.14 and 1502.15) and reducing emphasis on background material (§ 1502.16).

(g) Using the scoping process, not only to identify significant environmental issues deserving of study, but also to deemphasize insignificant issues, narrowing the scope of the environmental impact statement process accordingly (§ 1501.7).

(h) Summarizing the environmental impact statement (§ 1502.12) and circulating the summary instead of the entire environmental impact statement if the latter is unusually long (§ 1502.19).

(i) Using program, policy, or plan environmental impact statements and tiering from statements of broad scope to those of narrower scope, to eliminate repetitive discussions of the same issues (§§ 1502.4 and 1502.20).

(j) Incorporating by reference (§ 1502.21).

(k) Integrating NEPA requirements with other environmental review and consultation requirements (§ 1502.25).

(l) Requiring comments to be as specific as possible (§ 1503.3).

(m) Attaching and circulating only changes to the draft environmental impact statement, rather than rewriting and circulating the entire statement when changes are minor (§ 1503.4(c)).

(n) Eliminating duplication with State and local procedures, by providing for joint preparation (§ 1506.2), and with other Federal procedures, by providing that an agency may adopt appropriate environmental documents prepared by another agency (§ 1506.3).

(o) Combining environmental documents with other documents (§ 1506.4).

(p) Using categorical exclusions to define categories of actions which do not individually or cumulatively have a significant effect on the human environment and which are therefore exempt from requirements to prepare an environmental impact statement (§ 1508.4).

(q) Using a finding of no significant impact when an action not otherwise excluded will not have a significant

effect on the human environment and is therefore exempt from requirements to prepare an environmental impact statement (§ 1508.13).

[43 FR 55990, Nov. 29, 1978; 44 FR 873, Jan. 3, 1979]

§ 1500.5 Reducing delay.

Agencies shall reduce delay by:

(a) Integrating the NEPA process into early planning (§ 1501.2).

(b) Emphasizing interagency cooperation before the environmental impact statement is prepared, rather than submission of adversary comments on a completed document (§ 1501.6).

(c) Insuring the swift and fair resolution of lead agency disputes (§ 1501.5).

(d) Using the scoping process for an early identification of what are and what are not the real issues (§ 1501.7).

(e) Establishing appropriate time limits for the environmental impact statement process (§§ 1501.7(b)(2) and 1501.8).

(f) Preparing environmental impact statements early in the process (§ 1502.5).

(g) Integrating NEPA requirements with other environmental review and consultation requirements (§ 1502.25).

(h) Eliminating duplication with State and local procedures by providing for joint preparation (§ 1506.2) and with other Federal procedures by providing that an agency may adopt appropriate environmental documents prepared by another agency (§ 1506.3).

(i) Combining environmental documents with other documents (§ 1506.4).

(j) Using accelerated procedures for proposals for legislation (§ 1506.8).

(k) Using categorical exclusions to define categories of actions which do not individually or cumulatively have a significant effect on the human environment (§ 1508.4) and which are therefore exempt from requirements to prepare an environmental impact statement.

(l) Using a finding of no significant impact when an action not otherwise excluded will not have a significant effect on the human environment (§ 1508.13) and is therefore exempt

from requirements to prepare an environmental impact statement.

§ 1500.6 Agency authority.

Each agency shall interpret the provisions of the Act as a supplement to its existing authority and as a mandate to view traditional policies and missions in the light of the Act's national environmental objectives. Agencies shall review their policies, procedures, and regulations accordingly and revise them as necessary to insure full compliance with the purposes and provisions of the Act. The phrase "to the fullest extent possible" in section 102 means that each agency of the Federal Government shall comply with that section unless existing law applicable to the agency's operations expressly prohibits or makes compliance impossible.

PART 1501—NEPA AND AGENCY PLANNING

Sec.

1501.1 Purpose.

1501.2 Apply NEPA early in the process.

1501.3 When to prepare an environmental assessment.

1501.4 Whether to prepare an environmental impact statement.

1501.5 Lead agencies.

1501.6 Cooperating agencies.

1501.7 Scoping.

1501.8 Time limits.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609, and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55992, Nov. 29, 1978, unless otherwise noted.

§ 1501.1 Purpose.

The purposes of this part include:

(a) Integrating the NEPA process into early planning to insure appropriate consideration of NEPA's policies and to eliminate delay.

(b) Emphasizing cooperative consultation among agencies before the environmental impact statement is prepared rather than submission of adversary comments on a completed document.

(c) Providing for the swift and fair resolution of lead agency disputes.

(d) Identifying at an early stage the significant environmental issues deserving of study and deemphasizing insignificant issues, narrowing the scope of the environmental impact statement accordingly.

(e) Providing a mechanism for putting appropriate time limits on the environmental impact statement process.

§ 1501.2 Apply NEPA early in the process.

Agencies shall integrate the NEPA process with other planning at the earliest possible time to insure that planning and decisions reflect environmental values, to avoid delays later in the process, and to head off potential conflicts. Each agency shall:

(a) Comply with the mandate of section 102(2)(A) to "utilize a systematic, interdisciplinary approach which will insure the integrated use of the natural and social sciences and the environmental design arts in planning and in decisionmaking which may have an impact on man's environment," as specified by § 1507.2.

(b) Identify environmental effects and values in adequate detail so they can be compared to economic and technical analyses. Environmental documents and appropriate analyses shall be circulated and reviewed at the same time as other planning documents.

(c) Study, develop, and describe appropriate alternatives to recommended courses of action in any proposal which involves unresolved conflicts concerning alternative uses of available resources as provided by section 102(2)(E) of the Act.

(d) Provide for cases where actions are planned by private applicants or other non-Federal entities before Federal involvement so that:

(1) Policies or designated staff are available to advise potential applicants of studies or other information foreseeably required for later Federal action.

(2) The Federal agency consults early with appropriate State and local agencies and Indian tribes and with interested private persons and organizations when its own involvement is reasonably foreseeable.

(3) The Federal agency commences its NEPA process at the earliest possible time.

§ 1501.3 When to prepare an environmental assessment.

(a) Agencies shall prepare an environmental assessment (§ 1508.9) when necessary under the procedures adopted by individual agencies to supplement these regulations as described in § 1507.3. An assessment is not necessary if the agency has decided to prepare an environmental impact statement.

(b) Agencies may prepare an environmental assessment on any action at any time in order to assist agency planning and decisionmaking.

§ 1501.4 Whether to prepare an environmental impact statement.

In determining whether to prepare an environmental impact statement the Federal agency shall:

(a) Determine under its procedures supplementing these regulations (described in § 1507.3) whether the proposal is one which:

(1) Normally requires an environmental impact statement, or

(2) Normally does not require either an environmental impact statement or an environmental assessment (categorical exclusion).

(b) If the proposed action is not covered by paragraph (a) of this section, prepare an environmental assessment (§ 1508.9). The agency shall involve environmental agencies, applicants, and the public, to the extent practicable, in preparing assessments required by § 1508.9(a)(1).

(c) Based on the environmental assessment make its determination whether to prepare an environmental impact statement.

(d) Commence the scoping process (§ 1501.7), if the agency will prepare an environmental impact statement.

(e) Prepare a finding of no significant impact (§ 1508.13), if the agency determines on the basis of the environmental assessment not to prepare a statement.

(1) The agency shall make the finding of no significant impact available

to the affected public as specified in § 1506.6.

(2) In certain limited circumstances, which the agency may cover in its procedures under § 1507.3, the agency shall make the finding of no significant impact available for public review (including State and areawide clearinghouses) for 30 days before the agency makes its final determination whether to prepare an environmental impact statement and before the action may begin. The circumstances are:

(i) The proposed action is, or is closely similar to, one which normally requires the preparation of an environmental impact statement under the procedures adopted by the agency pursuant to § 1507.3, or

(ii) The nature of the proposed action is one without precedent.

§ 1501.5 Lead agencies.

(a) A lead agency shall supervise the preparation of an environmental impact statement if more than one Federal agency either:

(1) Proposes or is involved in the same action; or

(2) Is involved in a group of actions directly related to each other because of their functional interdependence or geographical proximity.

(b) Federal, State, or local agencies, including at least one Federal agency, may act as joint lead agencies to prepare an environmental impact statement (§ 1506.2).

(c) If an action falls within the provisions of paragraph (a) of this section the potential lead agencies shall determine by letter or memorandum which agency shall be the lead agency and which shall be cooperating agencies. The agencies shall resolve the lead agency question so as not to cause delay. If there is disagreement among the agencies, the following factors (which are listed in order of descending importance) shall determine lead agency designation:

(1) Magnitude of agency's involvement.

(2) Project approval/disapproval authority.

(3) Expertise concerning the action's environmental effects.

(4) Duration of agency's involvement.

(5) Sequence of agency's involvement.

(d) Any Federal agency, or any State or local agency or private person substantially affected by the absence of lead agency designation, may make a written request to the potential lead agencies that a lead agency be designated.

(e) If Federal agencies are unable to agree on which agency will be the lead agency or if the procedure described in paragraph (c) of this section has not resulted within 45 days in a lead agency designation, any of the agencies or persons concerned may file a request with the Council asking it to determine which Federal agency shall be the lead agency.

A copy of the request shall be transmitted to each potential lead agency. The request shall consist of:

(1) A precise description of the nature and extent of the proposed action.

(2) A detailed statement of why each potential lead agency should or should not be the lead agency under the criteria specified in paragraph (c) of this section.

(f) A response may be filed by any potential lead agency concerned within 20 days after a request is filed with the Council. The Council shall determine as soon as possible but not later than 20 days after receiving the request and all responses to it which Federal agency shall be the lead agency and which other Federal agencies shall be cooperating agencies.

[43 FR 55992, Nov. 29, 1978; 44 FR 873, Jan. 3, 1979]

§ 1501.6 Cooperating agencies.

The purpose of this section is to emphasize agency cooperation early in the NEPA process. Upon request of the lead agency, any other Federal agency which has jurisdiction by law shall be a cooperating agency. In addition any other Federal agency which has special expertise with respect to any environmental issue, which should be addressed in the statement may be a cooperating agency upon request of the lead agency. An agency may re-

quest the lead agency to designate it a cooperating agency.

(a) The lead agency shall:

(1) Request the participation of each cooperating agency in the NEPA process at the earliest possible time.

(2) Use the environmental analysis and proposals of cooperating agencies with jurisdiction by law or special expertise, to the maximum extent possible consistent with its responsibility as lead agency.

(3) Meet with a cooperating agency at the latter's request.

(b) Each cooperating agency shall:

(1) Participate in the NEPA process at the earliest possible time.

(2) Participate in the scoping process (described below in § 1501.7).

(3) Assume on request of the lead agency responsibility for developing information and preparing environmental analyses including portions of the environmental impact statement concerning which the cooperating agency has special expertise.

(4) Make available staff support at the lead agency's request to enhance the latter's interdisciplinary capability.

(5) Normally use its own funds. The lead agency shall, to the extent available funds permit, fund those major activities or analyses it requests from cooperating agencies. Potential lead agencies shall include such funding requirements in their budget requests.

(c) A cooperating agency may in response to a lead agency's request for assistance in preparing the environmental impact statement (described in paragraph (b) (3), (4), or (5) of this section) reply that other program commitments preclude any involvement or the degree of involvement requested in the action that is the subject of the environmental impact statement. A copy of this reply shall be submitted to the Council.

§ 1501.7 Scoping.

There shall be an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action. This process shall be termed scoping. As soon as practicable after its decision to prepare an environmental impact statement and

before the scoping process the lead agency shall publish a notice of intent (§ 1508.22) in the FEDERAL REGISTER except as provided in § 1507.3(e).

(a) As part of the scoping process the lead agency shall:

(1) Invite the participation of affected Federal, State, and local agencies, any affected Indian tribe, the proponent of the action, and other interested persons (including those who might not be in accord with the action on environmental grounds), unless there is a limited exception under § 1507.3(c). An agency may give notice in accordance with § 1506.6.

(2) Determine the scope (§ 1508.25) and the significant issues to be analyzed in depth in the environmental impact statement.

(3) Identify and eliminate from detailed study the issues which are not significant or which have been covered by prior environmental review (§ 1506.3), narrowing the discussion of these issues in the statement to a brief presentation of why they will not have a significant effect on the human environment or providing a reference to their coverage elsewhere.

(4) Allocate assignments for preparation of the environmental impact statement among the lead and cooperating agencies, with the lead agency retaining responsibility for the statement.

(5) Indicate any public environmental assessments and other environmental impact statements which are being or will be prepared that are related to but are not part of the scope of the impact statement under consideration.

(6) Identify other environmental review and consultation requirements so the lead and cooperating agencies may prepare other required analyses and studies concurrently with, and integrated with, the environmental impact statement as provided in § 1502.25.

(7) Indicate the relationship between the timing of the preparation of environmental analyses and the agency's tentative planning and decisionmaking schedule.

(b) As part of the scoping process the lead agency may:

(1) Set page limits on environmental documents (§ 1502.7).

- (2) Set time limits (§ 1501.8).
- (3) Adopt procedures under § 1507.3 to combine its environmental assessment process with its scoping process.
- (4) Hold an early scoping meeting or meetings which may be integrated with any other early planning meeting the agency has. Such a scoping meeting will often be appropriate when the impacts of a particular action are confined to specific sites.
- (c) An agency shall revise the determinations made under paragraphs (a) and (b) of this section if substantial changes are made later in the proposed action, or if significant new circumstances or information arise which bear on the proposal or its impacts.

§ 1501.8 Time limits.

Although the Council has decided that prescribed universal time limits for the entire NEPA process are too inflexible, Federal agencies are encouraged to set time limits appropriate to individual actions (consistent with the time intervals required by § 1506.10). When multiple agencies are involved the reference to agency below means lead agency.

(a) The agency shall set time limits if an applicant for the proposed action requests them: *Provided*, That the limits are consistent with the purposes of NEPA and other essential considerations of national policy.

(b) The agency may:

(1) Consider the following factors in determining time limits:

(i) Potential for environmental harm.

(ii) Size of the proposed action.

(iii) State of the art of analytic techniques.

(iv) Degree of public need for the proposed action, including the consequences of delay.

(v) Number of persons and agencies affected.

(vi) Degree to which relevant information is known and if not known the time required for obtaining it.

(vii) Degree to which the action is controversial.

(viii) Other time limits imposed on the agency by law, regulations, or executive order.

(2) Set overall time limits or limits for each constituent part of the NEPA process, which may include:

(i) Decision on whether to prepare an environmental impact statement (if not already decided).

(ii) Determination of the scope of the environmental impact statement.

(iii) Preparation of the draft environmental impact statement.

(iv) Review of any comments on the draft environmental impact statement from the public and agencies.

(v) Preparation of the final environmental impact statement.

(vi) Review of any comments on the final environmental impact statement.

(vii) Decision on the action based in part on the environmental impact statement.

(3) Designate a person (such as the project manager or a person in the agency's office with NEPA responsibilities) to expedite the NEPA process.

(c) State or local agencies or members of the public may request a Federal Agency to set time limits.

PART 1502—ENVIRONMENTAL IMPACT STATEMENT

Sec.

1502.1 Purpose.

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1502.23 Cost-benefit analysis.

1502.24 Methodology and scientific accuracy.

1502.25 Environmental review and consultation requirements.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55994, Nov. 29, 1978, unless otherwise noted.

§ 1502.1 Purpose.

The primary purpose of an environmental impact statement is to serve as an action-forcing device to insure that the policies and goals defined in the Act are infused into the ongoing programs and actions of the Federal Government. It shall provide full and fair discussion of significant environmental impacts and shall inform decision-makers and the public of the reasonable alternatives which would avoid or minimize adverse impacts or enhance the quality of the human environment. Agencies shall focus on significant environmental issues and alternatives and shall reduce paperwork and the accumulation of extraneous background data. Statements shall be concise, clear, and to the point, and shall be supported by evidence that the agency has made the necessary environmental analyses. An environmental impact statement is more than a disclosure document. It shall be used by Federal officials in conjunction with other relevant material to plan actions and make decisions.

§ 1502.2 Implementation.

To achieve the purposes set forth in § 1502.1 agencies shall prepare environmental impact statements in the following manner:

(a) Environmental impact statements shall be analytic rather than encyclopedic.

(b) Impacts shall be discussed in proportion to their significance. There shall be only brief discussion of other than significant issues. As in a finding of no significant impact, there should be only enough discussion to show why more study is not warranted.

(c) Environmental impact statements shall be kept concise and shall be no longer than absolutely necessary to comply with NEPA and with these regulations. Length should vary first with potential environmental problems and then with project size.

(d) Environmental impact statements shall state how alternatives considered in it and decisions based on it will or will not achieve the requirements of sections 101 and 102(1) of the Act and other environmental laws and policies.

(e) The range of alternatives discussed in environmental impact statements shall encompass those to be considered by the ultimate agency decisionmaker.

(f) Agencies shall not commit resources prejudicing selection of alternatives before making a final decision (§ 1506.1).

(g) Environmental impact statements shall serve as the means of assessing the environmental impact of proposed agency actions, rather than justifying decisions already made.

§ 1502.3 Statutory requirements for statements.

As required by sec. 102(2)(C) of NEPA environmental impact statements (§ 1508.11) are to be included in every recommendation or report.

On proposals (§ 1508.23).

For legislation and (§ 1508.17).

Other major Federal actions (§ 1508.18).

Significantly (§ 1508.27).

Affecting (§§ 1508.3, 1508.8).

The quality of the human environment (§ 1508.14).

§ 1502.4 Major Federal actions requiring the preparation of environmental impact statements.

(a) Agencies shall make sure the proposal which is the subject of an environmental impact statement is properly defined. Agencies shall use the criteria for scope (§ 1508.25) to determine which proposal(s) shall be the subject of a particular statement. Proposals or parts of proposals which are related to each other closely enough to be, in effect, a single course of action shall

be evaluated in a single impact statement.

(b) Environmental impact statements may be prepared, and are sometimes required, for broad Federal actions such as the adoption of new agency programs or regulations (§ 1508.18). Agencies shall prepare statements on broad actions so that they are relevant to policy and are timed to coincide with meaningful points in agency planning and decisionmaking.

(c) When preparing statements on broad actions (including proposals by more than one agency), agencies may find it useful to evaluate the proposal(s) in one of the following ways:

(1) Geographically, including actions occurring in the same general location, such as body of water, region, or metropolitan area.

(2) Generically, including actions which have relevant similarities, such as common timing, impacts, alternatives, methods of implementation, media, or subject matter.

(3) By stage of technological development including federal or federally assisted research, development or demonstration programs for new technologies which, if applied, could significantly affect the quality of the human environment. Statements shall be prepared on such programs and shall be available before the program has reached a stage of investment or commitment to implementation likely to determine subsequent development or restrict later alternatives.

(d) Agencies shall as appropriate employ scoping (§ 1501.7), tiering (§ 1502.20), and other methods listed in §§ 1500.4 and 1500.5 to relate broad and narrow actions and to avoid duplication and delay.

§ 1502.5 Timing.

An agency shall commence preparation of an environmental impact statement as close as possible to the time the agency is developing or is presented with a proposal (§ 1508.23) so that preparation can be completed in time for the final statement to be included in any recommendation or report on the proposal. The statement shall be prepared early enough so that it can

serve practically as an important contribution to the decisionmaking process and will not be used to rationalize or justify decisions already made (§§ 1500.2(c), 1501.2, and 1502.2). For instance:

(a) For projects directly undertaken by Federal agencies the environmental impact statement shall be prepared at the feasibility analysis (go-no go) stage and may be supplemented at a later stage if necessary.

(b) For applications to the agency appropriate environmental assessments or statements shall be commenced no later than immediately after the application is received. Federal agencies are encouraged to begin preparation of such assessments or statements earlier, preferably jointly with applicable State or local agencies.

(c) For adjudication, the final environmental impact statement shall normally precede the final staff recommendation and that portion of the public hearing related to the impact study. In appropriate circumstances the statement may follow preliminary hearings designed to gather information for use in the statements.

(d) For informal rulemaking the draft environmental impact statement shall normally accompany the proposed rule.

§ 1502.6 Interdisciplinary preparation.

Environmental impact statements shall be prepared using an interdisciplinary approach which will insure the integrated use of the natural and social sciences and the environmental design arts (section 102(2)(A) of the Act). The disciplines of the preparers shall be appropriate to the scope and issues identified in the scoping process (§ 1501.7).

§ 1502.7 Page limits.

The text of final environmental impact statements (e.g., paragraphs (d) through (g) of § 1502.10) shall normally be less than 150 pages and for proposals of unusual scope or complexity shall normally be less than 300 pages.

§ 1502.8 Writing.

Environmental impact statements shall be written in plain language and may use appropriate graphics so that decisionmakers and the public can readily understand them. Agencies should employ writers of clear prose or editors to write, review, or edit statements, which will be based upon the analysis and supporting data from the natural and social sciences and the environmental design arts.

§ 1502.9 Draft, final, and supplemental statements.

Except for proposals for legislation as provided in § 1506.8 environmental impact statements shall be prepared in two stages and may be supplemented.

(a) Draft environmental impact statements shall be prepared in accordance with the scope decided upon in the scoping process. The lead agency shall work with the cooperating agencies and shall obtain comments as required in Part 1503 of this chapter. The draft statement must fulfill and satisfy to the fullest extent possible the requirements established for final statements in section 102(2)(C) of the Act. If a draft statement is so inadequate as to preclude meaningful analysis, the agency shall prepare and circulate a revised draft of the appropriate portion. The agency shall make every effort to disclose and discuss at appropriate points in the draft statement all major points of view on the environmental impacts of the alternatives including the proposed action.

(b) Final environmental impact statements shall respond to comments as required in Part 1503 of this chapter. The agency shall discuss at appropriate points in the final statement any responsible opposing view which was not adequately discussed in the draft statement and shall indicate the agency's response to the issues raised.

(c) Agencies:

(1) Shall prepare supplements to either draft or final environmental impact statements if:

(i) The agency makes substantial changes in the proposed action that are relevant to environmental concerns; or

(ii) There are significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts.

(2) May also prepare supplements when the agency determines that the purposes of the Act will be furthered by doing so.

(3) Shall adopt procedures for introducing a supplement into its formal administrative record, if such a record exists.

(4) Shall prepare, circulate, and file a supplement to a statement in the same fashion (exclusive of scoping) as a draft and final statement unless alternative procedures are approved by the Council.

§ 1502.10 Recommended format.

Agencies shall use a format for environmental impact statements which will encourage good analysis and clear presentation of the alternatives including the proposed action. The following standard format for environmental impact statements should be followed unless the agency determines that there is a compelling reason to do otherwise:

- (a) Cover sheet.
- (b) Summary.
- (c) Table of contents.
- (d) Purpose of and need for action.
- (e) Alternatives including proposed action (sections 102(2)(C)(iii) and 102(2)(E) of the Act).
- (f) Affected environment.
- (g) Environmental consequences (especially sections 102(2)(C) (i), (ii), (iv), and (v) of the Act).
- (h) List of preparers.
- (i) List of Agencies, Organizations, and persons to whom copies of the statement are sent.
- (j) Index.
- (k) Appendices (if any).

If a different format is used, it shall include paragraphs (a), (b), (c), (h), (i), and (j), of this section and shall include the substance of paragraphs (d), (e), (f), (g), and (k) of this section, as further described in §§ 1502.11 through 1502.18, in any appropriate format.

§ 1502.11 Cover sheet.

The cover sheet shall not exceed one page. It shall include:

(a) A list of the responsible agencies including the lead agency and any co-operating agencies.

(b) The title of the proposed action that is the subject of the statement (and if appropriate the titles of related cooperating agency actions), together with the State(s) and county(ies) (or other jurisdiction if applicable) where the action is located.

(c) The name, address, and telephone number of the person at the agency who can supply further information.

(d) A designation of the statement as a draft, final, or draft or final supplement.

(e) A one paragraph abstract of the statement.

(f) The date by which comments must be received (computed in cooperation with EPA under § 1506.10).

The information required by this section may be entered on Standard Form 424 (in items 4, 6, 7, 10, and 18).

§ 1502.12 Summary.

Each environmental impact statement shall contain a summary which adequately and accurately summarizes the statement. The summary shall stress the major conclusions, areas of controversy (including issues raised by agencies and the public), and the issues to be resolved (including the choice among alternatives). The summary will normally not exceed 15 pages.

§ 1502.13 Purpose and need.

The statement shall briefly specify the underlying purpose and need to which the agency is responding in proposing the alternatives including the proposed action.

§ 1502.14 Alternatives including the proposed action.

This section is the heart of the environmental impact statement. Based on the information and analysis presented in the sections on the Affected Environment (§ 1502.15) and the Environmental Consequences (§ 1502.16), it should present the environmental im-

pacts of the proposal and the alternatives in comparative form, thus sharply defining the issues and providing a clear basis for choice among options by the decisionmaker and the public. In this section agencies shall:

(a) Rigorously explore and objectively evaluate all reasonable alternatives, and for alternatives which were eliminated from detailed study, briefly discuss the reasons for their having been eliminated.

(b) Devote substantial treatment to each alternative considered in detail including the proposed action so that reviewers may evaluate their comparative merits.

(c) Include reasonable alternatives not within the jurisdiction of the lead agency.

(d) Include the alternative of no action.

(e) Identify the agency's preferred alternative or alternatives, if one or more exists, in the draft statement and identify such alternative in the final statement unless another law prohibits the expression of such a preference.

(f) Include appropriate mitigation measures not already included in the proposed action or alternatives.

§ 1502.15 Affected environment.

The environmental impact statement shall succinctly describe the environment of the area(s) to be affected or created by the alternatives under consideration. The descriptions shall be no longer than is necessary to understand the effects of the alternatives. Data and analyses in a statement shall be commensurate with the importance of the impact, with less important material summarized, consolidated, or simply referenced. Agencies shall avoid useless bulk in statements and shall concentrate effort and attention on important issues. Verbose descriptions of the affected environment are themselves no measure of the adequacy of an environmental impact statement.

§ 1502.16 Environmental consequences.

This section forms the scientific and analytic basis for the comparisons under § 1502.14. It shall consolidate

the discussions of those elements required by sections 102(2)(C) (i), (ii), (iv), and (v) of NEPA which are within the scope of the statement and as much of section 102(2)(C)(iii) as is necessary to support the comparisons. The discussion will include the environmental impacts of the alternatives including the proposed action, any adverse environmental effects which cannot be avoided should the proposal be implemented, the relationship between short-term uses of man's environment and the maintenance and enhancement of long-term productivity, and any irreversible or irretrievable commitments of resources which would be involved in the proposal should it be implemented. This section should not duplicate discussions in § 1502.14. It shall include discussions of:

(a) Direct effects and their significance (§ 1508.8).

(b) Indirect effects and their significance (§ 1508.8).

(c) Possible conflicts between the proposed action and the objectives of Federal, regional, State, and local (and in the case of a reservation, Indian tribe) land use plans, policies and controls for the area concerned. (See § 1506.2(d).)

(d) The environmental effects of alternatives including the proposed action. The comparisons under § 1502.14 will be based on this discussion.

(e) Energy requirements and conservation potential of various alternatives and mitigation measures.

(f) Natural or depletable resource requirements and conservation potential of various alternatives and mitigation measures.

(g) Urban quality, historic and cultural resources, and the design of the built environment, including the reuse and conservation potential of various alternatives and mitigation measures.

(h) Means to mitigate adverse environmental impacts (if not fully covered under § 1502.14(f)).

[43 FR 55994, Nov. 29, 1978; 44 FR 873, Jan. 3, 1979]

§ 1502.17 List of preparers.

The environmental impact statement shall list the names, together

with their qualifications (expertise, experience, professional disciplines), of the persons who were primarily responsible for preparing the environmental impact statement or significant background papers, including basic components of the statement (§§ 1502.6 and 1502.8). Where possible the persons who are responsible for a particular analysis, including analyses in background papers, shall be identified. Normally the list will not exceed two pages.

§ 1502.18 Appendix.

If an agency prepares an appendix to an environmental impact statement the appendix shall:

(a) Consist of material prepared in connection with an environmental impact statement (as distinct from material which is not so prepared and which is incorporated by reference (§ 1502.21)).

(b) Normally consist of material which substantiates any analysis fundamental to the impact statement.

(c) Normally be analytic and relevant to the decision to be made.

(d) Be circulated with the environmental impact statement or be readily available on request.

§ 1502.19 Circulation of the environmental impact statement.

Agencies shall circulate the entire draft and final environmental impact statements except for certain appendices as provided in § 1502.18(d) and unchanged statements as provided in § 1503.4(c). However, if the statement is unusually long, the agency may circulate the summary instead, except that the entire statement shall be furnished to:

(a) Any Federal agency which has jurisdiction by law or special expertise with respect to any environmental impact involved and any appropriate Federal, State or local agency authorized to develop and enforce environmental standards.

(b) The applicant, if any.

(c) Any person, organization, or agency requesting the entire environmental impact statement.

(d) In the case of a final environmental impact statement any person,

organization, or agency which submitted substantive comments on the draft.

If the agency circulates the summary and thereafter receives a timely request for the entire statement and for additional time to comment, the time for that requestor only shall be extended by at least 15 days beyond the minimum period.

§ 1502.20 Tiering.

Agencies are encouraged to tier their environmental impact statements to eliminate repetitive discussions of the same issues and to focus on the actual issues ripe for decision at each level of environmental review (§ 1508.28). Whenever a broad environmental impact statement has been prepared (such as a program or policy statement) and a subsequent statement or environmental assessment is then prepared on an action included within the entire program or policy (such as a site specific action) the subsequent statement or environmental assessment need only summarize the issues discussed in the broader statement and incorporate discussions from the broader statement by reference and shall concentrate on the issues specific to the subsequent action. The subsequent document shall state where the earlier document is available. Tiering may also be appropriate for different stages of actions. (Section 1508.28).

§ 1502.21 Incorporation by reference.

Agencies shall incorporate material into an environmental impact statement by reference when the effect will be to cut down on bulk without impeding agency and public review of the action. The incorporated material shall be cited in the statement and its content briefly described. No material may be incorporated by reference unless it is reasonably available for inspection by potentially interested persons within the time allowed for comment. Material based on proprietary data which is itself not available for review and comment shall not be incorporated by reference.

§ 1502.22 Incomplete or unavailable information.

When an agency is evaluating reasonably foreseeable significant adverse effects on the human environment in an environmental impact statement and there is incomplete or unavailable information, the agency shall always make clear that such information is lacking.

(a) If the incomplete information relevant to reasonably foreseeable significant adverse impacts is essential to a reasoned choice among alternatives and the overall costs of obtaining it are not exorbitant, the agency shall include the information in the environmental impact statement.

(b) If the information relevant to reasonably foreseeable significant adverse impacts cannot be obtained because the overall costs of obtaining it are exorbitant or the means to obtain it are not known, the agency shall include within the environmental impact statement: (1) A statement that such information is incomplete or unavailable; (2) a statement of the relevance of the incomplete or unavailable information to evaluating reasonably foreseeable significant adverse impacts on the human environment; (3) a summary of existing credible scientific evidence which is relevant to evaluating the reasonably foreseeable significant adverse impacts on the human environment, and (4) the agency's evaluation of such impacts based upon theoretical approaches or research methods generally accepted in the scientific community. For the purposes of this section, "reasonably foreseeable" includes impacts which have catastrophic consequences, even if their probability of occurrence is low, provided that the analysis of the impacts is supported by credible scientific evidence, is not based on pure conjecture, and is within the rule of reason.

(c) The amended regulation will be applicable to all environmental impact statements for which a Notice of Intent (40 CFR 1508.22) is published in the FEDERAL REGISTER on or after May 27, 1986. For environmental impact statements in progress, agencies may choose to comply with the re-

quirements of either the original or amended regulation.

[51 FR 15625, Apr. 25, 1986]

§ 1502.23 Cost-benefit analysis.

If a cost-benefit analysis relevant to the choice among environmentally different alternatives is being considered for the proposed action, it shall be incorporated by reference or appended to the statement as an aid in evaluating the environmental consequences. To assess the adequacy of compliance with section 102(2)(B) of the Act the statement shall, when a cost-benefit analysis is prepared, discuss the relationship between that analysis and any analyses of unquantified environmental impacts, values, and amenities. For purposes of complying with the Act, the weighing of the merits and drawbacks of the various alternatives need not be displayed in a monetary cost-benefit analysis and should not be when there are important qualitative considerations. In any event, an environmental impact statement should at least indicate those considerations, including factors not related to environmental quality, which are likely to be relevant and important to a decision.

§ 1502.24 Methodology and scientific accuracy.

Agencies shall insure the professional integrity, including scientific integrity, of the discussions and analyses in environmental impact statements. They shall identify any methodologies used and shall make explicit reference by footnote to the scientific and other sources relied upon for conclusions in the statement. An agency may place discussion of methodology in an appendix.

§ 1502.25 Environmental review and consultation requirements.

(a) To the fullest extent possible, agencies shall prepare draft environmental impact statements concurrently with and integrated with environmental impact analyses and related surveys and studies required by the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.), the National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), the Endangered

Species Act of 1973 (16 U.S.C. 1531 et seq.), and other environmental review laws and executive orders.

(b) The draft environmental impact statement shall list all Federal permits, licenses, and other entitlements which must be obtained in implementing the proposal. If it is uncertain whether a Federal permit, license, or other entitlement is necessary, the draft environmental impact statement shall so indicate.

PART 1503—COMMENTING

Sec.

1503.1 Inviting comments.

1503.2 Duty to comment.

1503.3 Specificity of comments.

1503.4 Response to comments.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 et seq.), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55997, Nov. 29, 1978, unless otherwise noted.

§ 1503.1 Inviting comments.

(a) After preparing a draft environmental impact statement and before preparing a final environmental impact statement the agency shall:

(1) Obtain the comments of any Federal agency which has jurisdiction by law or special expertise with respect to any environmental impact involved or which is authorized to develop and enforce environmental standards.

(2) Request the comments of:

(i) Appropriate State and local agencies which are authorized to develop and enforce environmental standards;

(ii) Indian tribes, when the effects may be on a reservation; and

(iii) Any agency which has requested that it receive statements on actions of the kind proposed.

Office of Management and Budget Circular A-95 (Revised), through its system of clearinghouses, provides a means of securing the views of State and local environmental agencies. The clearinghouses may be used, by mutual agreement of the lead agency and the clearinghouse, for securing

State and local reviews of the draft environmental impact statements.

(3) Request comments from the applicant, if any.

(4) Request comments from the public, affirmatively soliciting comments from those persons or organizations who may be interested or affected.

(b) An agency may request comments on a final environmental impact statement before the decision is finally made. In any case other agencies or persons may make comments before the final decision unless a different time is provided under § 1506.10.

§ 1503.2 Duty to comment.

Federal agencies with jurisdiction by law or special expertise with respect to any environmental impact involved and agencies which are authorized to develop and enforce environmental standards shall comment on statements within their jurisdiction, expertise, or authority. Agencies shall comment within the time period specified for comment in § 1506.10. A Federal agency may reply that it has no comment. If a cooperating agency is satisfied that its views are adequately reflected in the environmental impact statement, it should reply that it has no comment.

§ 1503.3 Specificity of comments.

(a) Comments on an environmental impact statement or on a proposed action shall be as specific as possible and may address either the adequacy of the statement or the merits of the alternatives discussed or both.

(b) When a commenting agency criticizes a lead agency's predictive methodology, the commenting agency should describe the alternative methodology which it prefers and why.

(c) A cooperating agency shall specify in its comments whether it needs additional information to fulfill other applicable environmental reviews or consultation requirements and what information it needs. In particular, it shall specify any additional information it needs to comment adequately on the draft statement's analysis of significant site-specific effects associated with the granting or approving by that cooperating agency of neces-

sary Federal permits, licenses, or entitlements.

(d) When a cooperating agency with jurisdiction by law objects to or expresses reservations about the proposal on grounds of environmental impacts, the agency expressing the objection or reservation shall specify the mitigation measures it considers necessary to allow the agency to grant or approve applicable permit, license, or related requirements or concurrences.

§ 1503.4 Response to comments.

(a) An agency preparing a final environmental impact statement shall assess and consider comments both individually and collectively, and shall respond by one or more of the means listed below, stating its response in the final statement. Possible responses are to:

(1) Modify alternatives including the proposed action.

(2) Develop and evaluate alternatives not previously given serious consideration by the agency.

(3) Supplement, improve, or modify its analyses.

(4) Make factual corrections.

(5) Explain why the comments do not warrant further agency response, citing the sources, authorities, or reasons which support the agency's position and, if appropriate, indicate those circumstances which would trigger agency reappraisal or further response.

(b) All substantive comments received on the draft statement (or summaries thereof where the response has been exceptionally voluminous), should be attached to the final statement whether or not the comment is thought to merit individual discussion by the agency in the text of the statement.

(c) If changes in response to comments are minor and are confined to the responses described in paragraphs (a) (4) and (5) of this section, agencies may write them on errata sheets and attach them to the statement instead of rewriting the draft statement. In such cases only the comments, the responses, and the changes and not the final statement need be circulated (§ 1502.19). The entire document with

a new cover sheet shall be filed as the final statement (§ 1506.9).

PART 1504—PREDECISION REFERRALS TO THE COUNCIL OF PROPOSED FEDERAL ACTIONS DETERMINED TO BE ENVIRONMENTALLY UNSATISFACTORY

Sec.

1504.1 Purpose.

1504.2 Criteria for referral.

1504.3 Procedure for referrals and response.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55998, Nov. 29, 1978, unless otherwise noted.

§ 1504.1 Purpose.

(a) This part establishes procedures for referring to the Council Federal interagency disagreements concerning proposed major Federal actions that might cause unsatisfactory environmental effects. It provides means for early resolution of such disagreements.

(b) Under section 309 of the Clean Air Act (42 U.S.C. 7609), the Administrator of the Environmental Protection Agency is directed to review and comment publicly on the environmental impacts of Federal activities, including actions for which environmental impact statements are prepared. If after this review the Administrator determines that the matter is "unsatisfactory from the standpoint of public health or welfare or environmental quality," section 309 directs that the matter be referred to the Council (hereafter "environmental referrals").

(c) Under section 102(2)(C) of the Act other Federal agencies may make similar reviews of environmental impact statements, including judgments on the acceptability of anticipated environmental impacts. These reviews must be made available to the President, the Council and the public.

§ 1504.2 Criteria for referral.

Environmental referrals should be made to the Council only after con-

certed, timely (as early as possible in the process), but unsuccessful attempts to resolve differences with the lead agency. In determining what environmental objections to the matter are appropriate to refer to the Council, an agency should weigh potential adverse environmental impacts, considering:

(a) Possible violation of national environmental standards or policies.

(b) Severity.

(c) Geographical scope.

(d) Duration.

(e) Importance as precedents.

(f) Availability of environmentally preferable alternatives.

§ 1504.3 Procedure for referrals and response.

(a) A Federal agency making the referral to the Council shall:

(1) Advise the lead agency at the earliest possible time that it intends to refer a matter to the Council unless a satisfactory agreement is reached.

(2) Include such advice in the referring agency's comments on the draft environmental impact statement, except when the statement does not contain adequate information to permit an assessment of the matter's environmental acceptability.

(3) Identify any essential information that is lacking and request that it be made available at the earliest possible time.

(4) Send copies of such advice to the Council.

(b) The referring agency shall deliver its referral to the Council not later than twenty-five (25) days after the final environmental impact statement has been made available to the Environmental Protection Agency, commenting agencies, and the public. Except when an extension of this period has been granted by the lead agency, the Council will not accept a referral after that date.

(c) The referral shall consist of:

(1) A copy of the letter signed by the head of the referring agency and delivered to the lead agency informing the lead agency of the referral and the reasons for it, and requesting that no action be taken to implement the matter until the Council acts upon the

referral. The letter shall include a copy of the statement referred to in (c)(2) of this section.

(2) A statement supported by factual evidence leading to the conclusion that the matter is unsatisfactory from the standpoint of public health or welfare or environmental quality. The statement shall:

(i) Identify any material facts in controversy and incorporate (by reference if appropriate) agreed upon facts,

(ii) Identify any existing environmental requirements or policies which would be violated by the matter,

(iii) Present the reasons why the referring agency believes the matter is environmentally unsatisfactory,

(iv) Contain a finding by the agency whether the issue raised is of national importance because of the threat to national environmental resources or policies or for some other reason,

(v) Review the steps taken by the referring agency to bring its concerns to the attention of the lead agency at the earliest possible time, and

(vi) Give the referring agency's recommendations as to what mitigation alternative, further study, or other course of action (including abandonment of the matter) are necessary to remedy the situation.

(d) Not later than twenty-five (25) days after the referral to the Council the lead agency may deliver a response to the Council, and the referring agency. If the lead agency requests more time and gives assurance that the matter will not go forward in the interim, the Council may grant an extension. The response shall:

(1) Address fully the issues raised in the referral.

(2) Be supported by evidence.

(3) Give the lead agency's response to the referring agency's recommendations.

(e) Interested persons (including the applicant) may deliver their views in writing to the Council. Views in support of the referral should be delivered not later than the referral. Views in support of the response shall be delivered not later than the response.

(f) Not later than twenty-five (25) days after receipt of both the referral and any response or upon being informed that there will be no response

(unless the lead agency agrees to a longer time), the Council may take one or more of the following actions:

(1) Conclude that the process of referral and response has successfully resolved the problem.

(2) Initiate discussions with the agencies with the objective of mediation with referring and lead agencies.

(3) Hold public meetings or hearings to obtain additional views and information.

(4) Determine that the issue is not one of national importance and request the referring and lead agencies to pursue their decision process.

(5) Determine that the issue should be further negotiated by the referring and lead agencies and is not appropriate for Council consideration until one or more heads of agencies report to the Council that the agencies' disagreements are irreconcilable.

(6) Publish its findings and recommendations (including where appropriate a finding that the submitted evidence does not support the position of an agency).

(7) When appropriate, submit the referral and the response together with the Council's recommendation to the President for action.

(g) The Council shall take no longer than 60 days to complete the actions specified in paragraph (f) (2), (3), or (5) of this section.

(h) When the referral involves an action required by statute to be determined on the record after opportunity for agency hearing, the referral shall be conducted in a manner consistent with 5 U.S.C. 557(d) (Administrative Procedure Act).

[43 FR 55998, Nov. 29, 1978; 44 FR 873, Jan. 3, 1979]

PART 1505—NEPA AND AGENCY DECISIONMAKING

Sec.

1505.1 Agency decisionmaking procedures.

1505.2 Record of decision in cases requiring environmental impact statements.

1505.3 Implementing the decision.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C.

7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 55999, Nov. 29, 1978, unless otherwise noted.

§ 1505.1 Agency decisionmaking procedures.

Agencies shall adopt procedures (§ 1507.3) to ensure that decisions are made in accordance with the policies and purposes of the Act. Such procedures shall include but not be limited to:

(a) Implementing procedures under section 102(2) to achieve the requirements of sections 101 and 102(1).

(b) Designating the major decision points for the agency's principal programs likely to have a significant effect on the human environment and assuring that the NEPA process corresponds with them.

(c) Requiring that relevant environmental documents, comments, and responses be part of the record in formal rulemaking or adjudicatory proceedings.

(d) Requiring that relevant environmental documents, comments, and responses accompany the proposal through existing agency review processes so that agency officials use the statement in making decisions.

(e) Requiring that the alternatives considered by the decisionmaker are encompassed by the range of alternatives discussed in the relevant environmental documents and that the decisionmaker consider the alternatives described in the environmental impact statement. If another decision document accompanies the relevant environmental documents to the decisionmaker, agencies are encouraged to make available to the public before the decision is made any part of that document that relates to the comparison of alternatives.

§ 1505.2 Record of decision in cases requiring environmental impact statements.

At the time of its decision (§ 1506.10) or, if appropriate, its recommendation to Congress, each agency shall prepare a concise public record of decision. The record, which may be integrated into any other record prepared by the agency, including that required by

OMB Circular A-95 (Revised), part I, sections 6 (c) and (d), and part II, section 5(b)(4), shall:

(a) State what the decision was.

(b) Identify all alternatives considered by the agency in reaching its decision, specifying the alternative or alternatives which were considered to be environmentally preferable. An agency may discuss preferences among alternatives based on relevant factors including economic and technical considerations and agency statutory missions. An agency shall identify and discuss all such factors including any essential considerations of national policy which were balanced by the agency in making its decision and state how those considerations entered into its decision.

(c) State whether all practicable means to avoid or minimize environmental harm from the alternative selected have been adopted, and if not, why they were not. A monitoring and enforcement program shall be adopted and summarized where applicable for any mitigation.

§ 1505.3 Implementing the decision.

Agencies may provide for monitoring to assure that their decisions are carried out and should do so in important cases. Mitigation (§ 1505.2(c)) and other conditions established in the environmental impact statement or during its review and committed as part of the decision shall be implemented by the lead agency or other appropriate consenting agency. The lead agency shall:

(a) Include appropriate conditions in grants, permits or other approvals.

(b) Condition funding of actions on mitigation.

(c) Upon request, inform cooperating or commenting agencies on progress in carrying out mitigation measures which they have proposed and which were adopted by the agency making the decision.

(d) Upon request, make available to the public the results of relevant monitoring.

PART 1506—OTHER REQUIREMENTS OF NEPA

Sec.

- 1506.1 Limitations on actions during NEPA process.
- 1506.2 Elimination of duplication with State and local procedures.
- 1506.3 Adoption.
- 1506.4 Combining documents.
- 1506.5 Agency responsibility.
- 1506.6 Public involvement.
- 1506.7 Further guidance.
- 1506.8 Proposals for legislation.
- 1506.9 Filing requirements.
- 1506.10 Timing of agency action.
- 1506.11 Emergencies.
- 1506.12 Effective date.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 56000, Nov. 29, 1978, unless otherwise noted.

§ 1506.1 Limitations on actions during NEPA process.

(a) Until an agency issues a record of decision as provided in § 1505.2 (except as provided in paragraph (c) of this section), no action concerning the proposal shall be taken which would:

- (1) Have an adverse environmental impact; or
- (2) Limit the choice of reasonable alternatives.

(b) If any agency is considering an application from a non-Federal entity, and is aware that the applicant is about to take an action within the agency's jurisdiction that would meet either of the criteria in paragraph (a) of this section, then the agency shall promptly notify the applicant that the agency will take appropriate action to insure that the objectives and procedures of NEPA are achieved.

(c) While work on a required program environmental impact statement is in progress and the action is not covered by an existing program statement, agencies shall not undertake in the interim any major Federal action covered by the program which may significantly affect the quality of the human environment unless such action:

(1) Is justified independently of the program;

(2) Is itself accompanied by an adequate environmental impact statement; and

(3) Will not prejudice the ultimate decision on the program. Interim action prejudices the ultimate decision on the program when it tends to determine subsequent development or limit alternatives.

(d) This section does not preclude development by applicants of plans or designs or performance of other work necessary to support an application for Federal, State or local permits or assistance. Nothing in this section shall preclude Rural Electrification Administration approval of minimal expenditures not affecting the environment (e.g. long leadtime equipment and purchase options) made by non-governmental entities seeking loan guarantees from the Administration.

§ 1506.2 Elimination of duplication with State and local procedures.

(a) Agencies authorized by law to cooperate with State agencies of statewide jurisdiction pursuant to section 102(2)(D) of the Act may do so.

(b) Agencies shall cooperate with State and local agencies to the fullest extent possible to reduce duplication between NEPA and State and local requirements, unless the agencies are specifically barred from doing so by some other law. Except for cases covered by paragraph (a) of this section, such cooperation shall to the fullest extent possible include:

- (1) Joint planning processes.
- (2) Joint environmental research and studies.
- (3) Joint public hearings (except where otherwise provided by statute).
- (4) Joint environmental assessments.

(c) Agencies shall cooperate with State and local agencies to the fullest extent possible to reduce duplication between NEPA and comparable State and local requirements, unless the agencies are specifically barred from doing so by some other law. Except for cases covered by paragraph (a) of this section, such cooperation shall to the fullest extent possible include joint environmental impact statements. In

such cases one or more Federal agencies and one or more State or local agencies shall be joint lead agencies. Where State laws or local ordinances have environmental impact statement requirements in addition to but not in conflict with those in NEPA, Federal agencies shall cooperate in fulfilling these requirements as well as those of Federal laws so that one document will comply with all applicable laws.

(d) To better integrate environmental impact statements into State or local planning processes, statements shall discuss any inconsistency of a proposed action with any approved State or local plan and laws (whether or not federally sanctioned). Where an inconsistency exists, the statement should describe the extent to which the agency would reconcile its proposed action with the plan or law.

§ 1506.3 Adoption.

(a) An agency may adopt a Federal draft or final environmental impact statement or portion thereof provided that the statement or portion thereof meets the standards for an adequate statement under these regulations.

(b) If the actions covered by the original environmental impact statement and the proposed action are substantially the same, the agency adopting another agency's statement is not required to recirculate it except as a final statement. Otherwise the adopting agency shall treat the statement as a draft and recirculate it (except as provided in paragraph (c) of this section).

(c) A cooperating agency may adopt without recirculating the environmental impact statement of a lead agency when, after an independent review of the statement, the cooperating agency concludes that its comments and suggestions have been satisfied.

(d) When an agency adopts a statement which is not final within the agency that prepared it, or when the action it assesses is the subject of a referral under Part 1504, or when the statement's adequacy is the subject of a judicial action which is not final, the agency shall so specify.

§ 1506.4 Combining documents.

Any environmental document in compliance with NEPA may be combined with any other agency document to reduce duplication and paperwork.

§ 1506.5 Agency responsibility.

(a) *Information.* If an agency requires an applicant to submit environmental information for possible use by the agency in preparing an environmental impact statement, then the agency should assist the applicant by outlining the types of information required. The agency shall independently evaluate the information submitted and shall be responsible for its accuracy. If the agency chooses to use the information submitted by the applicant in the environmental impact statement, either directly or by reference, then the names of the persons responsible for the independent evaluation shall be included in the list of preparers (§ 1502.17). It is the intent of this paragraph that acceptable work not be redone, but that it be verified by the agency.

(b) *Environmental assessments.* If an agency permits an applicant to prepare an environmental assessment, the agency, besides fulfilling the requirements of paragraph (a) of this section, shall make its own evaluation of the environmental issues and take responsibility for the scope and content of the environmental assessment.

(c) *Environmental impact statements.* Except as provided in §§ 1506.2 and 1506.3 any environmental impact statement prepared pursuant to the requirements of NEPA shall be prepared directly by or by a contractor selected by the lead agency or where appropriate under § 1501.6(b), a cooperating agency. It is the intent of these regulations that the contractor be chosen solely by the lead agency, or by the lead agency in cooperation with cooperating agencies, or where appropriate by a cooperating agency to avoid any conflict of interest. Contractors shall execute a disclosure statement prepared by the lead agency, or where appropriate the cooperating agency, specifying that they have no financial or other interest in the out-

come of the project. If the document is prepared by contract, the responsible Federal official shall furnish guidance and participate in the preparation and shall independently evaluate the statement prior to its approval and take responsibility for its scope and contents. Nothing in this section is intended to prohibit any agency from requesting any person to submit information to it or to prohibit any person from submitting information to any agency.

§ 1506.6 Public involvement.

Agencies shall:

(a) Make diligent efforts to involve the public in preparing and implementing their NEPA procedures.

(b) Provide public notice of NEPA-related hearings, public meetings, and the availability of environmental documents so as to inform those persons and agencies who may be interested or affected.

(1) In all cases the agency shall mail notice to those who have requested it on an individual action.

(2) In the case of an action with effects of national concern notice shall include publication in the **FEDERAL REGISTER** and notice by mail to national organizations reasonably expected to be interested in the matter and may include listing in the *102 Monitor*. An agency engaged in rulemaking may provide notice by mail to national organizations who have requested that notice regularly be provided. Agencies shall maintain a list of such organizations.

(3) In the case of an action with effects primarily of local concern the notice may include:

(i) Notice to State and areawide clearinghouses pursuant to OMB Circular A-95 (Revised).

(ii) Notice to Indian tribes when effects may occur on reservations.

(iii) Following the affected State's public notice procedures for comparable actions.

(iv) Publication in local newspapers (in papers of general circulation rather than legal papers).

(v) Notice through other local media.

(vi) Notice to potentially interested community organizations including small business associations.

(vii) Publication in newsletters that may be expected to reach potentially interested persons.

(viii) Direct mailing to owners and occupants of nearby or affected property.

(ix) Posting of notice on and off site in the area where the action is to be located.

(c) Hold or sponsor public hearings or public meetings whenever appropriate or in accordance with statutory requirements applicable to the agency. Criteria shall include whether there is:

(1) Substantial environmental controversy concerning the proposed action or substantial interest in holding the hearing.

(2) A request for a hearing by another agency with jurisdiction over the action supported by reasons why a hearing will be helpful. If a draft environmental impact statement is to be considered at a public hearing, the agency should make the statement available to the public at least 15 days in advance (unless the purpose of the hearing is to provide information for the draft environmental impact statement).

(d) Solicit appropriate information from the public.

(e) Explain in its procedures where interested persons can get information or status reports on environmental impact statements and other elements of the NEPA process.

(f) Make environmental impact statements, the comments received, and any underlying documents available to the public pursuant to the provisions of the Freedom of Information Act (5 U.S.C. 552), without regard to the exclusion for interagency memoranda where such memoranda transmit comments of Federal agencies on the environmental impact of the proposed action. Materials to be made available to the public shall be provided to the public without charge to the extent practicable, or at a fee which is not more than the actual costs of reproducing copies required to be sent to other Federal agencies, including the Council.

§ 1506.7 Further guidance.

The Council may provide further guidance concerning NEPA and its procedures including:

(a) A handbook which the Council may supplement from time to time, which shall in plain language provide guidance and instructions concerning the application of NEPA and these regulations.

(b) Publication of the Council's Memoranda to Heads of Agencies.

(c) In conjunction with the Environmental Protection Agency and the publication of the 102 Monitor, notice of:

- (1) Research activities;
- (2) Meetings and conferences related to NEPA; and
- (3) Successful and innovative procedures used by agencies to implement NEPA.

§ 1506.8 Proposals for legislation.

(a) The NEPA process for proposals for legislation (§ 1508.17) significantly affecting the quality of the human environment shall be integrated with the legislative process of the Congress. A legislative environmental impact statement is the detailed statement required by law to be included in a recommendation or report on a legislative proposal to Congress. A legislative environmental impact statement shall be considered part of the formal transmittal of a legislative proposal to Congress; however, it may be transmitted to Congress up to 30 days later in order to allow time for completion of an accurate statement which can serve as the basis for public and Congressional debate. The statement must be available in time for Congressional hearings and deliberations.

(b) Preparation of a legislative environmental impact statement shall conform to the requirements of these regulations except as follows:

- (1) There need not be a scoping process.
- (2) The legislative statement shall be prepared in the same manner as a draft statement, but shall be considered the "detailed statement" required by statute; *Provided*, That when any of the following conditions exist both the draft and final environmental impact statement on the legislative

proposal shall be prepared and circulated as provided by §§ 1503.1 and 1506.10.

(i) A Congressional Committee with jurisdiction over the proposal has a rule requiring both draft and final environmental impact statements.

(ii) The proposal results from a study process required by statute (such as those required by the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.) and the Wilderness Act (16 U.S.C. 1131 et seq.)).

(iii) Legislative approval is sought for Federal or federally assisted construction or other projects which the agency recommends be located at specific geographic locations. For proposals requiring an environmental impact statement for the acquisition of space by the General Services Administration, a draft statement shall accompany the Prospectus or the 11(b) Report of Building Project Surveys to the Congress, and a final statement shall be completed before site acquisition.

(iv) The agency decides to prepare draft and final statements.

(c) Comments on the legislative statement shall be given to the lead agency which shall forward them along with its own responses to the Congressional committees with jurisdiction.

§ 1506.9 Filing requirements.

Environmental impact statements together with comments and responses shall be filed with the Environmental Protection Agency, attention Office of Federal Activities (A-104), 401 M Street SW., Washington, D.C. 20460. Statements shall be filed with EPA no earlier than they are also transmitted to commenting agencies and made available to the public. EPA shall deliver one copy of each statement to the Council, which shall satisfy the requirement of availability to the President. EPA may issue guidelines to agencies to implement its responsibilities under this section and § 1506.10.

§ 1506.10 Timing of agency action.

(a) The Environmental Protection Agency shall publish a notice in the *FEDERAL REGISTER* each week of the environmental impact statements filed

during the preceding week. The minimum time periods set forth in this section shall be calculated from the date of publication of this notice.

(b) No decision on the proposed action shall be made or recorded under § 1505.2 by a Federal agency until the later of the following dates:

(1) Ninety (90) days after publication of the notice described above in paragraph (a) of this section for a draft environmental impact statement.

(2) Thirty (30) days after publication of the notice described above in paragraph (a) of this section for a final environmental impact statement.

An exception to the rules on timing may be made in the case of an agency decision which is subject to a formal internal appeal. Some agencies have a formally established appeal process which allows other agencies or the public to take appeals on a decision and make their views known, after publication of the final environmental impact statement. In such cases, where a real opportunity exists to alter the decision, the decision may be made and recorded at the same time the environmental impact statement is published. This means that the period for appeal of the decision and the 30-day period prescribed in paragraph (b)(2) of this section may run concurrently. In such cases the environmental impact statement shall explain the timing and the public's right of appeal. An agency engaged in rule-making under the Administrative Procedure Act or other statute for the purpose of protecting the public health or safety, may waive the time period in paragraph (b)(2) of this section and publish a decision on the final rule simultaneously with publication of the notice of the availability of the final environmental impact statement as described in paragraph (a) of this section.

(c) If the final environmental impact statement is filed within ninety (90) days after a draft environmental impact statement is filed with the Environmental Protection Agency, the minimum thirty (30) day period and the minimum ninety (90) day period may run concurrently. However, subject to paragraph (d) of this section agencies shall allow not less than 45

days for comments on draft statements.

(d) The lead agency may extend prescribed periods. The Environmental Protection Agency may upon a showing by the lead agency of compelling reasons of national policy reduce the prescribed periods and may upon a showing by any other Federal agency of compelling reasons of national policy also extend prescribed periods, but only after consultation with the lead agency. (Also see § 1507.3(d).) Failure to file timely comments shall not be a sufficient reason for extending a period. If the lead agency does not concur with the extension of time, EPA may not extend it for more than 30 days. When the Environmental Protection Agency reduces or extends any period of time it shall notify the Council.

[43 FR 56000, Nov. 29, 1978; 44 FR 874, Jan. 3, 1979]

§ 1506.11 Emergencies.

Where emergency circumstances make it necessary to take an action with significant environmental impact without observing the provisions of these regulations, the Federal agency taking the action should consult with the Council about alternative arrangements. Agencies and the Council will limit such arrangements to actions necessary to control the immediate impacts of the emergency. Other actions remain subject to NEPA review.

§ 1506.12 Effective date.

The effective date of these regulations is July 30, 1979, except that for agencies that administer programs that qualify under section 102(2)(D) of the Act or under sec. 104(h) of the Housing and Community Development Act of 1974 an additional four months shall be allowed for the State or local agencies to adopt their implementing procedures.

(a) These regulations shall apply to the fullest extent practicable to ongoing activities and environmental documents begun before the effective date. These regulations do not apply to an environmental impact statement or supplement if the draft statement was filed before the effective date of these

regulations. No completed environmental documents need be redone by reasons of these regulations. Until these regulations are applicable, the Council's guidelines published in the **FEDERAL REGISTER** of August 1, 1973, shall continue to be applicable. In cases where these regulations are applicable the guidelines are superseded. However, nothing shall prevent an agency from proceeding under these regulations at an earlier time.

(b) NEPA shall continue to be applicable to actions begun before January 1, 1970, to the fullest extent possible.

PART 1507—AGENCY COMPLIANCE

Sec.

1507.1 Compliance.

1507.2 Agency capability to comply.

1507.3 Agency procedures.

AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 56002, Nov. 29, 1978, unless otherwise noted.

§ 1507.1 Compliance.

All agencies of the Federal Government shall comply with these regulations. It is the intent of these regulations to allow each agency flexibility in adapting its implementing procedures authorized by § 1507.3 to the requirements of other applicable laws.

§ 1507.2 Agency capability to comply.

Each agency shall be capable (in terms of personnel and other resources) of complying with the requirements enumerated below. Such compliance may include use of other's resources, but the using agency shall itself have sufficient capability to evaluate what others do for it. Agencies shall:

(a) Fulfill the requirements of section 102(2)(A) of the Act to utilize a systematic, interdisciplinary approach which will insure the integrated use of the natural and social sciences and the environmental design arts in planning and in decisionmaking which may have an impact on the human environment. Agencies shall designate a

person to be responsible for overall review of agency NEPA compliance.

(b) Identify methods and procedures required by section 102(2)(B) to insure that presently unquantified environmental amenities and values may be given appropriate consideration.

(c) Prepare adequate environmental impact statements pursuant to section 102(2)(C) and comment on statements in the areas where the agency has jurisdiction by law or special expertise or is authorized to develop and enforce environmental standards.

(d) Study, develop, and describe alternatives to recommended courses of action in any proposal which involves unresolved conflicts concerning alternative uses of available resources. This requirement of section 102(2)(E) extends to all such proposals, not just the more limited scope of section 102(2)(C)(iii) where the discussion of alternatives is confined to impact statements.

(e) Comply with the requirements of section 102(2)(H) that the agency initiate and utilize ecological information in the planning and development of resource-oriented projects.

(f) Fulfill the requirements of sections 102(2)(F), 102(2)(G), and 102(2)(I), of the Act and of Executive Order 11514, Protection and Enhancement of Environmental Quality, Sec. 2.

§ 1507.3 Agency procedures.

(a) Not later than eight months after publication of these regulations as finally adopted in the **FEDERAL REGISTER**, or five months after the establishment of an agency, whichever shall come later, each agency shall as necessary adopt procedures to supplement these regulations. When the agency is a department, major subunits are encouraged (with the consent of the department) to adopt their own procedures. Such procedures shall not paraphrase these regulations. They shall confine themselves to implementing procedures. Each agency shall consult with the Council while developing its procedures and before publishing them in the **FEDERAL REGISTER** for comment. Agencies with similar programs should consult with each other

and the Council to coordinate their procedures, especially for programs requesting similar information from applicants. The procedures shall be adopted only after an opportunity for public review and after review by the Council for conformity with the Act and these regulations. The Council shall complete its review within 30 days. Once in effect they shall be filed with the Council and made readily available to the public. Agencies are encouraged to publish explanatory guidance for these regulations and their own procedures. Agencies shall continue to review their policies and procedures and in consultation with the Council to revise them as necessary to ensure full compliance with the purposes and provisions of the Act.

(b) Agency procedures shall comply with these regulations except where compliance would be inconsistent with statutory requirements and shall include:

(1) Those procedures required by §§ 1501.2(d), 1502.9(c)(3), 1505.1, 1506.6(e), and 1508.4.

(2) Specific criteria for and identification of those typical classes of action:

(i) Which normally do require environmental impact statements.

(ii) Which normally do not require either an environmental impact statement or an environmental assessment (categorical exclusions (§ 1508.4)).

(iii) Which normally require environmental assessments but not necessarily environmental impact statements.

(c) Agency procedures may include specific criteria for providing limited exceptions to the provisions of these regulations for classified proposals. They are proposed actions which are specifically authorized under criteria established by an Executive Order or statute to be kept secret in the interest of national defense or foreign policy and are in fact properly classified pursuant to such Executive Order or statute. Environmental assessments and environmental impact statements which address classified proposals may be safeguarded and restricted from public dissemination in accordance with agencies' own regulations applica-

ble to classified information. These documents may be organized so that classified portions can be included as annexes, in order that the unclassified portions can be made available to the public.

(d) Agency procedures may provide for periods of time other than those presented in § 1506.10 when necessary to comply with other specific statutory requirements.

(e) Agency procedures may provide that where there is a lengthy period between the agency's decision to prepare an environmental impact statement and the time of actual preparation, the notice of intent required by § 1501.7 may be published at a reasonable time in advance of preparation of the draft statement.

PART 1508—TERMINOLOGY AND INDEX

Sec.

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AUTHORITY: NEPA, the Environmental Quality Improvement Act of 1970, as amended (42 U.S.C. 4371 *et seq.*), sec. 309 of the Clean Air Act, as amended (42 U.S.C. 7609), and E.O. 11514 (Mar. 5, 1970, as amended by E.O. 11991, May 24, 1977).

SOURCE: 43 FR 56003, Nov. 29, 1978, unless otherwise noted.

§ 1508.1 Terminology.

The terminology of this part shall be uniform throughout the Federal Government.

§ 1508.2 Act.

"Act" means the National Environmental Policy Act, as amended (42 U.S.C. 4321, et seq.) which is also referred to as "NEPA."

§ 1508.3 Affecting.

"Affecting" means will or may have an effect on.

§ 1508.4 Categorical exclusion.

"Categorical exclusion" means a category of actions which do not individually or cumulatively have a significant effect on the human environment and which have been found to have no such effect in procedures adopted by a Federal agency in implementation of these regulations (§ 1507.3) and for which, therefore, neither an environmental assessment nor an environmental impact statement is required. An agency may decide in its procedures or otherwise, to prepare environmental assessments for the reasons stated in § 1508.9 even though it is not required to do so. Any procedures under this section shall provide for extraordinary circumstances in which a normally excluded action may have a significant environmental effect.

§ 1508.5 Cooperating agency.

"Cooperating agency" means any Federal agency other than a lead agency which has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposal (or a reasonable alternative) for legislation or other major Federal action significantly affecting the quality of the human environment. The selection and responsibilities of a cooperating agency are described in § 1501.6. A State or local agency of similar qualifications or, when the effects are on a reservation, an Indian Tribe, may by agreement with the lead agency become a cooperating agency.

§ 1508.6 Council.

"Council" means the Council on Environmental Quality established by Title II of the Act.

§ 1508.7 Cumulative impact.

"Cumulative impact" is the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

§ 1508.8 Effects.

"Effects" include:

(a) Direct effects, which are caused by the action and occur at the same time and place.

(b) Indirect effects, which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

Effects and impacts as used in these regulations are synonymous. Effects includes ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or cumulative. Effects may also include those resulting from actions which may have both beneficial and detrimental effects, even if on balance the agency believes that the effect will be beneficial.

§ 1508.9 Environmental assessment.

"Environmental assessment":

(a) Means a concise public document for which a Federal agency is responsible that serves to:

(1) Briefly provide sufficient evidence and analysis for determining

whether to prepare an environmental impact statement or a finding of no significant impact.

(2) Aid an agency's compliance with the Act when no environmental impact statement is necessary.

(3) Facilitate preparation of a statement when one is necessary.

(b) Shall include brief discussions of the need for the proposal, of alternatives as required by section 102(2)(E), of the environmental impacts of the proposed action and alternatives, and a listing of agencies and persons consulted.

§ 1508.10 Environmental document.

"Environmental document" includes the documents specified in § 1508.9 (environmental assessment), § 1508.11 (environmental impact statement), § 1508.13 (finding of no significant impact), and § 1508.22 (notice of intent).

§ 1508.11 Environmental impact statement.

"Environmental impact statement" means a detailed written statement as required by section 102(2)(C) of the Act.

§ 1508.12 Federal agency.

"Federal agency" means all agencies of the Federal Government. It does not mean the Congress, the Judiciary, or the President, including the performance of staff functions for the President in his Executive Office. It also includes for purposes of these regulations States and units of general local government and Indian tribes assuming NEPA responsibilities under section 104(h) of the Housing and Community Development Act of 1974.

§ 1508.13 Finding of no significant impact.

"Finding of no significant impact" means a document by a Federal agency briefly presenting the reasons why an action, not otherwise excluded (§ 1508.4), will not have a significant effect on the human environment and for which an environmental impact statement therefore will not be prepared. It shall include the environmental assessment or a summary of it and shall note any other environmental documents related to it

(§ 1501.7(a)(5)). If the assessment is included, the finding need not repeat any of the discussion in the assessment but may incorporate it by reference.

§ 1508.14 Human environment.

"Human environment" shall be interpreted comprehensively to include the natural and physical environment and the relationship of people with that environment. (See the definition of "effects" (§ 1508.8).) This means that economic or social effects are not intended by themselves to require preparation of an environmental impact statement. When an environmental impact statement is prepared and economic or social and natural or physical environmental effects are interrelated, then the environmental impact statement will discuss all of these effects on the human environment.

§ 1508.15 Jurisdiction by law.

"Jurisdiction by law" means agency authority to approve, veto, or finance all or part of the proposal.

§ 1508.16 Lead agency.

"Lead agency" means the agency or agencies preparing or having taken primary responsibility for preparing the environmental impact statement.

§ 1508.17 Legislation.

"Legislation" includes a bill or legislative proposal to Congress developed by or with the significant cooperation and support of a Federal agency, but does not include requests for appropriations. The test for significant cooperation is whether the proposal is in fact predominantly that of the agency rather than another source. Drafting does not by itself constitute significant cooperation. Proposals for legislation include requests for ratification of treaties. Only the agency which has primary responsibility for the subject matter involved will prepare a legislative environmental impact statement.

§ 1508.18 Major Federal action.

"Major Federal action" includes actions with effects that may be major and which are potentially subject to

Federal control and responsibility. Major reinforces but does not have a meaning independent of significantly (§ 1508.27). Actions include the circumstance where the responsible officials fail to act and that failure to act is reviewable by courts or administrative tribunals under the Administrative Procedure Act or other applicable law as agency action.

(a) Actions include new and continuing activities, including projects and programs entirely or partly financed, assisted, conducted, regulated, or approved by federal agencies; new or revised agency rules, regulations, plans, policies, or procedures; and legislative proposals (§§ 1506.8, 1508.17). Actions do not include funding assistance solely in the form of general revenue sharing funds, distributed under the State and Local Fiscal Assistance Act of 1972, 31 U.S.C. 1221 et seq., with no Federal agency control over the subsequent use of such funds. Actions do not include bringing judicial or administrative civil or criminal enforcement actions.

(b) Federal actions tend to fall within one of the following categories:

(1) Adoption of official policy, such as rules, regulations, and interpretations adopted pursuant to the Administrative Procedure Act, 5 U.S.C. 551 et seq.; treaties and international conventions or agreements; formal documents establishing an agency's policies which will result in or substantially alter agency programs.

(2) Adoption of formal plans, such as official documents prepared or approved by federal agencies which guide or prescribe alternative uses of federal resources, upon which future agency actions will be based.

(3) Adoption of programs, such as a group of concerted actions to implement a specific policy or plan; systematic and connected agency decisions allocating agency resources to implement a specific statutory program or executive directive.

(4) Approval of specific projects, such as construction or management activities located in a defined geographic area. Projects include actions approved by permit or other regulatory decision as well as federal and federally assisted activities.

§ 1508.19 Matter.

"Matter" includes for purposes of Part 1504:

(a) With respect to the Environmental Protection Agency, any proposed legislation, project, action or regulation as those terms are used in section 309(a) of the Clean Air Act (42 U.S.C. 7609).

(b) With respect to all other agencies, any proposed major federal action to which section 102(2)(C) of NEPA applies.

§ 1508.20 Mitigation.

"Mitigation" includes:

(a) Avoiding the impact altogether by not taking a certain action or parts of an action.

(b) Minimizing impacts by limiting the degree or magnitude of the action and its implementation.

(c) Rectifying the impact by repairing, rehabilitating, or restoring the affected environment.

(d) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.

(e) Compensating for the impact by replacing or providing substitute resources or environments.

§ 1508.21 NEPA process.

"NEPA process" means all measures necessary for compliance with the requirements of section 2 and Title I of NEPA.

§ 1508.22 Notice of intent.

"Notice of intent" means a notice that an environmental impact statement will be prepared and considered. The notice shall briefly:

(a) Describe the proposed action and possible alternatives.

(b) Describe the agency's proposed scoping process including whether, when, and where any scoping meeting will be held.

(c) State the name and address of a person within the agency who can answer questions about the proposed action and the environmental impact statement.

§ 1508.23 Proposal.

"Proposal" exists at that stage in the development of an action when an agency subject to the Act has a goal and is actively preparing to make a decision on one or more alternative means of accomplishing that goal and the effects can be meaningfully evaluated. Preparation of an environmental impact statement on a proposal should be timed (§ 1502.5) so that the final statement may be completed in time for the statement to be included in any recommendation or report on the proposal. A proposal may exist in fact as well as by agency declaration that one exists.

§ 1508.24 Referring agency.

"Referring agency" means the federal agency which has referred any matter to the Council after a determination that the matter is unsatisfactory from the standpoint of public health or welfare or environmental quality.

§ 1508.25 Scope.

Scope consists of the range of actions, alternatives, and impacts to be considered in an environmental impact statement. The scope of an individual statement may depend on its relationships to other statements (§§ 1502.20 and 1508.28). To determine the scope of environmental impact statements, agencies shall consider 3 types of actions, 3 types of alternatives, and 3 types of impacts. They include:

(a) Actions (other than unconnected single actions) which may be:

(1) Connected actions, which means that they are closely related and therefore should be discussed in the same impact statement. Actions are connected if they:

(i) Automatically trigger other actions which may require environmental impact statements.

(ii) Cannot or will not proceed unless other actions are taken previously or simultaneously.

(iii) Are interdependent parts of a larger action and depend on the larger action for their justification.

(2) Cumulative actions, which when viewed with other proposed actions have cumulatively significant impacts

and should therefore be discussed in the same impact statement.

(3) Similar actions, which when viewed with other reasonably foreseeable or proposed agency actions, have similarities that provide a basis for evaluating their environmental consequences together, such as common timing or geography. An agency may wish to analyze these actions in the same impact statement. It should do so when the best way to assess adequately the combined impacts of similar actions or reasonable alternatives to such actions is to treat them in a single impact statement.

(b) Alternatives, which include: (1) No action alternative.

(2) Other reasonable courses of actions.

(3) Mitigation measures (not in the proposed action).

(c) Impacts, which may be: (1) Direct; (2) indirect; (3) cumulative.

§ 1508.26 Special expertise.

"Special expertise" means statutory responsibility, agency mission, or related program experience.

§ 1508.27 Significantly.

"Significantly" as used in NEPA requires considerations of both context and intensity:

(a) *Context*. This means that the significance of an action must be analyzed in several contexts such as society as a whole (human, national), the affected region, the affected interests, and the locality. Significance varies with the setting of the proposed action. For instance, in the case of a site-specific action, significance would usually depend upon the effects in the locale rather than in the world as a whole. Both short- and long-term effects are relevant.

(b) *Intensity*. This refers to the severity of impact. Responsible officials must bear in mind that more than one agency may make decisions about partial aspects of a major action. The following should be considered in evaluating intensity:

(1) Impacts that may be both beneficial and adverse. A significant effect may exist even if the Federal agency

believes that on balance the effect will be beneficial.

(2) The degree to which the proposed action affects public health or safety.

(3) Unique characteristics of the geographic area such as proximity to historic or cultural resources, park lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas.

(4) The degree to which the effects on the quality of the human environment are likely to be highly controversial.

(5) The degree to which the possible effects on the human environment are highly uncertain or involve unique or unknown risks.

(6) The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration.

(7) Whether the action is related to other actions with individually insignificant but cumulatively significant impacts. Significance exists if it is reasonable to anticipate a cumulatively significant impact on the environment. Significance cannot be avoided by terming an action temporary or by breaking it down into small component parts.

(8) The degree to which the action may adversely affect districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places or may cause loss or destruction of significant scientific, cultural, or historical resources.

(9) The degree to which the action may adversely affect an endangered or threatened species or its habitat that

has been determined to be critical under the Endangered Species Act of 1973.

(10) Whether the action threatens a violation of Federal, State, or local law or requirements imposed for the protection of the environment.

[43 FR 56003, Nov. 29, 1978; 44 FR 874, Jan. 3, 1979]

§ 1508.28 Tiering.

"Tiering" refers to the coverage of general matters in broader environmental impact statements (such as national program or policy statements) with subsequent narrower statements or environmental analyses (such as regional or basinwide program statements or ultimately site-specific statements) incorporating by reference the general discussions and concentrating solely on the issues specific to the statement subsequently prepared. Tiering is appropriate when the sequence of statements or analyses is:

(a) From a program, plan, or policy environmental impact statement to a program, plan, or policy statement or analysis of lesser scope or to a site-specific statement or analysis.

(b) From an environmental impact statement on a specific action at an early stage (such as need and site selection) to a supplement (which is preferred) or a subsequent statement or analysis at a later stage (such as environmental mitigation). Tiering in such cases is appropriate when it helps the lead agency to focus on the issues which are ripe for decision and exclude from consideration issues already decided or not yet ripe.

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Friday
December 21, 1984

Part II

**Council on
Environmental
Quality**

40 CFR Ch. V

**National Environmental Policy Act (NEPA)
Implementation Procedures; Appendices
I, II, and III; Final Rule**

COUNCIL ON ENVIRONMENTAL QUALITY**40 CFR Ch. V****National Environmental Policy Act (NEPA) Implementation Procedures; Appendices I, II, and III**

AGENCY: Council on Environmental Quality, Executive Office of the President.

ACTION: Appendices to regulations.

SUMMARY: These appendices are intended to improve public participation and facilitate agency compliance with the National Environmental Policy Act (NEPA) and the Council on Environmental Quality's NEPA Regulations.

Appendix I updates and replaces the Federal and Federal-State Agency NEPA Contacts that appeared in Appendix I in the *Federal Register* of Thursday, August 28, 1980 (45 FR 57488).

Appendix II updates and replaces the compilation of Federal and Federal-State Agencies With Jurisdiction by Law or Special Expertise on Environmental Quality Issues that appeared in Appendix II in the *Federal Register* of Thursday, August 28, 1980 (45 FR 57491).

Appendix III is reinstated as, and is an update of, the listing of Federal and Federal-State Agency Offices for Receiving and Commenting on Other Agencies' Environmental Documents. Appendix III last appeared in the *Federal Register* of August 1, 1973 (38 FR 20559).

EFFECTIVE DATE: December 21, 1984.

ADDRESSES: Comments should be addressed to General Counsel, Council on Environmental Quality, 722 Jackson Place, NW., Washington, DC 20006-4978.

FOR INFORMATION CONTACT: Dinah Bear, General Counsel, Council on Environmental Quality, 722 Jackson Place, NW., Washington, DC 20006-4978 (202) 395-5754.

SUPPLEMENTARY INFORMATION:**Appendix I—Federal and Federal-State Agency National Environmental Policy Act (NEPA) Contacts**

Section 1507.2 of the Council's regulations for implementing the procedural provisions of the National Environmental Policy Act requires agencies to have an individual responsible for overall NEPA compliance. This appendix identifies the individual within each agency that is responsible for coordinating with the Council on behalf of that agency and for exercising NEPA oversight within that agency. This person can provide basic information about the agency's NEPA

activities and about the procedures which the agency has adopted to supplement the Council regulations (40 CFR 1507.3).

To ascertain the proper office in an agency for receiving and commenting on other agencies' environmental documents, refer to Appendix III of this issuance.

Appendix II—Federal and Federal-State Agencies With Jurisdiction by Law or Special Expertise on Environmental Quality Issues

This appendix is a compilation of Federal and Federal-State agencies with jurisdiction by law, a statutorily mandated consultative role, or special expertise on environmental quality issues. Both the public and private sectors and governmental agencies can use this list as a reference guide to facilitate their participation in and compliance with NEPA process.

The appendix is organized into four broad categories: pollution control, energy, land use, and natural resource management. Because most actions involve environmental issues falling into more than one of these categories, users should consult all pertinent entries.

The areas of special expertise are listed in parentheses following the agency name. They are intended to provide examples rather than define the limits of an agency's total expertise in that area.

The areas of jurisdiction by law and statutorily mandated consultations are listed below each appropriate agency or component. Entries dealing with jurisdiction by law relate to that agency's authority to approve, deny, or finance all or part of a proposal and include permits and licenses. Because experience in implementing NEPA has proven that identification of an agency's statutorily mandated consultative role is of equal significance to users of this list, those responsibilities are now specifically cited and include such authorities as the National Historic Preservation Act of 1966 (16 U.S.C. Sec. 470 *et seq.*), the Fish and Wildlife Coordination Act (16 U.S.C. Sec. 661 *et seq.*), and the Endangered Species Act of 1973 (16 U.S.C. Sec. 1531 *et seq.*). Because laws are amended and new laws enacted, the responsibilities identified in this appendix may change or new ones may be added. Hence, the definitive responsibility of an agency depends on the then current law and not on this index.

The Council on Environmental Quality has prepared this list to supplement its NEPA regulations and believes that it will be helpful in the following ways:

First, the Council's NEPA regulations require the Federal agency having primary responsibility for preparing an environmental impact statement (EIS) under NEPA (the lead agency) to determine whether any other Federal agencies have jurisdiction by law or special expertise with respect to any environmental effects involved in a proposal for legislation or other major Federal action significantly affecting the human environment. 40 CFR 1501.5(a), 1501.6(a), 1501.7(a). The Federal lead agency must, early in the NEPA process, request the participation of Federal cooperating agencies with jurisdiction by law or special expertise concerning the proposal. 40 CFR 1501.6(a), 1501.7(a). The lead agency and those involved in the "scoping process" (see 40 CFR 1501.7) may use this list to help determine which other Federal agencies should be requested to participate as cooperating agencies in the NEPA process. The list will also be helpful to the lead agency in determining which agencies should receive copies of the draft environmental impact statement for review and comment. 40 CFR 1503.1.

Second, this compilation will prove useful to those whose activities or proposed actions require Federal regulatory approvals by facilitating the identification of:

a. Those Federal agencies with the authority to issue applicable permits, licenses or other Federal regulatory approvals, and

b. Those Federal agencies that have a statutorily mandated consultative role that must be carried out before a decision is made.

Third, a major goal of NEPA and the CEQ regulations is to encourage public participation in agency decisionmaking. 40 CFR 1500.2(d). Individuals, citizen groups and State and local governments who are interested in an environmental issue may use the list to help identify those agencies that have jurisdiction by law over or special expertise in the subject matter of a proposal. Those interested may then contact the potentially involved agencies to obtain information on the issues and to participate in the NEPA process.

Appendix III—Federal and Federal-State Agency Offices for Receiving and Commenting on Other Agencies' Environmental Documents

Section 1503.1 of the Council's regulations for implementing the procedural provisions of the National Environmental Policy Act requires the agency that has prepared a draft environmental impact statement to "obtain the comments of any Federal

agency which has jurisdiction by law or special expertise with respect to any environmental impact involved or which is authorized to develop and enforce environmental standards." Section 1503.2 discusses the "Duty to Comment" by those Federal agencies. This appendix identifies the location of the Federal and Federal-State agency offices for receiving and commenting on other agencies' environmental documents. The agency distributing the environmental document should give special attention to the instruction immediately following the agency name to ensure that the comment request and document(s) are sent to the correct office, e.g., some agencies ask that documents concerning legislation, regulations, national program proposals and other major policy issues be sent only to its headquarters office with all other documents to be sent to a regional office. If a transmitting agency has questions about where to send a document, consult the Federal agency NEPA contact listed in Appendix I.

Other Information

Since agency responsibilities, legal authorities, programs, and other data appearing in these Appendices change regularly, the Council will update the Appendices periodically. Agencies and the public are strongly encouraged to send comments noting changes or corrections that should be made to any Appendix.

Dated: December 14, 1984.

Dinah Bear,

General Counsel.

Editorial Note: The following appendices will not appear in the CFR.

Appendix I—Federal and Federal-State Agency National Environmental Policy Act (NEPA) Contacts

DEPARTMENTS

Department of Agriculture

Assistant Secretary for Natural Resources and Environment, Department of Agriculture; Attn: Executive Secretary, Natural Resources and Environment Committee; Room 242 W, Administration Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-5166.

Department of Agriculture Components

Agricultural Research Service: Deputy Administrator, National Program Staff, Agricultural Research Service, Department of Agriculture; Room 125, Bldg. 005, Agricultural Research Center-West, Beltsville, MD 20705-2350. (301) 344-3084.

Agricultural Stabilization and Conservation Service: Chief, Planning and Evaluation Branch, Conservation and Environmental Protection Division; Agricultural Stabilization and Conservation Service, Department of Agriculture, Room

4714, South Agriculture Bldg., 14th St. and Independence Ave., SW, P.O. Box 2415, Wash., D.C. 20013-2415. (202) 447-3264.

Animal and Plant Health Inspection Service: Environmental Coordinator, Animal and Plant Health Inspection Service, Department of Agriculture; Room 600, Federal Bldg., 6505 Belcrest Road, Hyattsville, MD 20782-2058. (301) 436-8896.

Economic Research Service: Director, Natural Resource Economics Division, Economic Research Service, Department of Agriculture, Room 412, GHI Bldg., 500 12th St. SW, Wash., D.C. 20250-0001. (202) 447-8239.

Extension Service: Deputy Administrator, Natural Resources and Rural Development, Extension Service, Department of Agriculture, Room 3909, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-7947.

Farmers Home Administration: Environmental Protection Specialist, Program Support Staff; Farmers Home Administration, Department of Agriculture, Room 6309, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 382-9619.

Food Safety and Inspection Service: Director, Regulations Office, Food Safety and Inspection Service, Department of Agriculture, Room 2940, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-3317.

Forest Service: Director, Environmental Coordination Staff, Forest Service, Department of Agriculture; Room 4204, South Agriculture Bldg., 14th St. and Independence Ave., SW, P.O. Box 2417, Wash., D.C. 20013-2417. (202) 447-4708.

Rural Electrification Administration: Environmental Policy Specialist, Engineering Standards Division, Rural Electrification Administration, Department of Agriculture, Room 1257, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 382-0097.

Soil Conservation Service: National Environmental Coordinator, Environmental Activities Branch, Ecological Sciences Division, Soil Conservation Service, Department of Agriculture, Room 6155, South Agriculture Bldg., 14th St. and Independence Ave., SW, P.O. Box 2890, Wash., D.C. 20013-2890. (202) 447-4912.

Department of Commerce

Chief, Ecology and Conservation Division, Office of Policy and Planning, National Oceanic and Atmospheric Administration, Department of Commerce, Room H-6111, Herbert Hoover Bldg., 14th St. and Constitution Ave., NW, Wash., D.C. 20230-0001. (202) 377-5181.

Department of Commerce Components

Economic Development Administration: Associate Director for Environment, Economic Development Administration, Department of Commerce, Room 7319, Herbert Hoover Bldg., 14th St. and Constitution Ave., NW, Wash., D.C. 20230-0001. (202) 377-4208.

National Oceanic and Atmospheric Administration: Chief, Ecology and Conservation Division, Office of Policy and Planning, National Oceanic and Atmospheric

Administration, Department of Commerce, Room H-6111, Herbert Hoover Bldg., 14th St. and Constitution Ave., NW, Wash., D.C. 20230-0001. (202) 377-5181.

Department of Defense

Director, Environmental Policy, Office of the Assistant Secretary of Defense (Manpower, Installations and Logistics), Department of Defense, Room 3D833, The Pentagon, Wash., D.C. 20301-0001. (202) 695-7820.

Department of Defense Components

Defense Logistics Agency: Staff Director, Office of Installation Services and Environmental Protection, Defense Logistics Agency, Department of Defense, Cameron Station, Room 4D446, Alexandria, VA 22304-6100. (202) 274-6124.

Department of the Air Force: Deputy for Environment and Safety, Office of the Deputy Assistant Secretary for Installations, Environment and Safety, Department of the Air Force, Room 4C916, The Pentagon, Wash., D.C. 20330-0001. (202) 697-9297.

Department of the Army: Chief, Army Environmental Office, Attn: HQDA (DAEN-ZCE); Department of the Army, Room 1E876, The Pentagon, Wash., D.C. 20310-2600. (202) 694-3434.

Corps of Engineers: Assistant Director of Civil Works, Environmental Programs (DAEN-CWZ-P), Office of the Chief of Engineers, Room 7233, Pulaski Bldg., 20 Massachusetts Avenue, NW, Wash., D.C. 20314-1000. (202) 272-0103.

Department of the Navy: Director, Environmental Protection and Occupational Safety and Health Division (OP-453), Office of the Chief of Naval Operations, Department of the Navy, Bldg. 200, Room S-3, Washington Navy Yard, Wash., D.C. 20374-0001. (202) 433-2426.

U.S. Marine Corps: Head, Land Resources and Environmental Branch, Code: LFL, U.S. Marine Corps, Commonwealth Bldg., Room 614, 1300 Wilson Blvd., Arlington, VA. (202) 694-9237/38. MAILING ADDRESS: Commandant, U.S. Marine Corps, ATTN: Land Resources and Environmental Branch, Code: LFL, Wash., D.C. 20380-0001.

Department of Energy

Director, Office of Environmental Compliance (PE-25), Department of Energy, Room 4G-085, Forrestal Building, 1000 Independence Ave., SW, Wash., D.C. 20585-0001. (202) 252-4600.

Department of Health and Human Services

Departmental Environmental Officer, Office of the Assistant Secretary for Management Analysis and Systems, Department of Health and Human Services, Room 542 E, Hubert H. Humphrey Bldg., 200 Independence Ave., SW, Wash., D.C. 20201-0001. (202) 245-7354.

Department of Health and Human Services Components

Center for Disease Control: Chief, Environmental Affairs Group, Center for Environmental Health, Center for Disease Control, Room 1015, Bldg.: Chamblee-9,

Atlanta, GA 30329-4018. (404) 452-4257; (FTS) 236-4257.

Food and Drug Administration: Chief, Environmental Impact Staff (HFV-310) Food and Drug Administration, Parklawn Bldg., Room 7-89, 5600 Fishers Lane, Rockville, MD 20857-0001. (301) 443-1880.

Health Resources and Services Administration: Chief Environmental Health Branch, Division of Clinical and Environmental Services, Indian Health Service, Health Resources and Services Administration, Parklawn Building, Room 6A-54, 5600 Fishers Lane, Rockville, MD 20857-0001. (301) 443-1043.

National Institutes of Health: Chief, Environmental Protection Branch, National Institutes of Health, Bldg. 13, Room 2E55, 9100 Rockville Pike, Bethesda, MD 20205-0001. (301) 496-3537.

Office of Community Services: Director, Office of State Project Assistance, Office of Community Services, Room 500, Brown Bldg., 1200 19th St., NW., Wash., D.C. 20506-0007. (202) 653-5675.

Department of Housing and Urban Development

Director, Office of Environment and Energy, Department of Housing and Urban Development, Room 7154, HUD Building, 451 Seventh St., SW., Wash., D.C. 20410-0001. (202) 755-7894.

Department of the Interior

Director, Office of Environmental Project Review, Department of the Interior, Room 4260, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20240-0001. (202) 343-3891.

Department of the Interior Components

Fish and Wildlife Services: Chief, Division of Environmental Coordination, Fish and Wildlife Service, Department of the Interior, Room 402, Hamilton Bldg., 1375 K St., NW, Wash., D.C. (202) 343-5685. MAILING ADDRESS: 18th & C Sts., NW, Wash., D.C. 20240-0001.

Geological Survey: Chief, Review Unit, Environmental Affairs Program (MS-423), U.S. Geological Survey, Department of the Interior, Room 2D318, 12201 Sunrise Valley Drive, Reston, VA 22092-9998. (703) 860-7556.

Bureau of Indian Affairs: Chief, Environmental Services Staff, Office of Trust Responsibilities, Bureau of Indian Affairs, Department of the Interior, Room 4560, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20245-0001. (202) 343-6574.

Bureau of Land Management: Chief, Office of Planning and Environmental Coordination, Bureau of Land Management, Department of the Interior, Room 906, Premier Bldg., 1725 I St., NW, Wash., D.C. 20240-0001. (202) 653-8830.

Minerals Management Service: Chief, Offshore Environmental Assessment Division, Mineral Management Service, Department of the Interior, Room 2044, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20240-0001 (202) 343-2097.

Bureau of Mines: Special Assistant for Environmental Assessment, Bureau of Mines, Department of the Interior, Room 1004, Columbia Plaza Bldg., 2401 E St., NW, Wash., D.C. 20241-0001. (202) 634-1310.

National Park Service: Chief, Environmental Compliance Division (762), National Park Service, Department of the Interior, Room 1210, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20240-0001. (202) 343-2163.

Bureau of Reclamation: Director, Office of Environmental Affairs, Bureau of Reclamation, Department of the Interior, Room 7622, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20240-0001. (202) 343-4991.

Office of Surface Mining: Chief, Division of Permits and Environmental Analysis, Office of Surface Mining Reclamation and Enforcement, Department of the Interior, Room 134, Interior-South Bldg., 1951 Constitution Ave., NW., Wash., D.C. 20240-0001. (202) 343-5261.

Department of Justice

Assistant Chief, General Litigation Section, Land and Natural Resources Division, Department of Justice, Room 2133, Justice Bldg., 9th St. and Pennsylvania Ave., NW, Wash., D.C. 20530-0001. (202) 633-2704.

Department of Justice Components

Bureau of Prisons: Chief, Office of Facilities Development and Operations, Bureau of Prisons, Department of Justice, 320 First St., NW, Wash., D.C. 20534-0001. (202) 724-3232.

Drug Enforcement Administration: Deputy Assistant Administrator, Office of Science and Technology, Drug Enforcement Administration, Department of Justice, 1405 Eye St., NW, Wash., D.C. 20537-0001. (202) 633-1211.

Immigration and Naturalization Service: Chief, Facilities and Engineering Branch, Immigration and Naturalization Service, Department of Justice, 425 Eye St., NW, Wash., D.C. 20536-0001. (202) 633-4448.

Office of Justice Assistance, Research and Statistics: Director, Office of Justice Assistance, Research and Statistics, Department of Justice, Room 1300, 633 Indiana Ave., NW, Wash., D.C. 20531-0001. (202) 724-5933.

Office of Legal Counsel: Assistant Attorney General, Office of Legal Counsel, Department of Justice, Room 5214, Justice Bldg., 9th St. and Pennsylvania Ave., NW, Wash., D.C. 20530-0001. (202) 633-2041.

Department of Labor

Director, Office of Regulatory Economics, Assistant Secretary for Policy, Department of Labor, Room S-2312, Frances Perkins Bldg., 200 Constitution Ave., NW, Wash., D.C. 20210-0001. (202) 523-6197.

Department of Labor Components

Mine Safety and Health Administration: Chief, Office of Standards, Regulations and Variances, Mine Safety and Health Administration, Department of Labor, Room 627, Ballston Tower #3, 4015 Wilson Blvd., Arlington, VA 22203-1923. (703) 235-1910.

Occupational Safety and Health Administration: Director, Office of Regulatory Analysis, Occupational Safety and Health Administration, Department of Labor, Room N-3635, Frances Perkins Bldg., 200 Constitution Ave., NW, Wash., D.C. 20210-0001. (202) 523-8017.

Department of State

Director, Office of Environment and Health, Department of State, Room 4325, State Department Bldg., 21st and C Sts., NW, Wash., D.C. 20520-0001. (202) 632-9266.

Department of Transportation

Deputy Director for Environment and Policy Review, Office of Economics, Department of Transportation, Room 10309 Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-4357.

Department of Transportation Components

Federal Aviation Administration: Director, Office of Environment and Energy (AEE-1), Federal Aviation Administration, Room 432, FOB-10A, 800 Independence Ave., SW, Wash., D.C. 20591-0001. (202) 426-8406.

Federal Highway Administration: Director, Office of Environmental Policy (HEV-1), Federal Highway Administration, Room 3222, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-0351.

Federal Railroad Administration: Director, Office of Economic Analysis (RRP-30), Federal Railroad Administration, Room 8300, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-7391.

Maritime Administration: Head, Environmental Activities Group (MAR-700.4), Maritime Administration, Room 2120, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-5739.

National Highway Traffic Safety Administration: Assistant Chief Counsel for General Law, Office of Chief Counsel (NOA-33), National Highway Traffic Safety Administration, Room 5219, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-1834.

Research and Special Programs Administration (includes Materials Transportation Bureau): Chief, Environmental Technology Division (DTS-48), Research and Special Programs Administration, US-DOT, Transportation Systems Center, Room 3-55, Kendall Square, Cambridge, MA 02142-1001. (617) 494-2018; (FTS) 837-2018.

St. Lawrence Seaway Development Corporation: Deputy Chief Engineer, St. Lawrence Seaway Development Corporation, Seaway Administration Bldg., 180 Andrews St., P.O. Box 520, Massena, NY 13662-1760. (315) 764-3256; (FTS) 953-0256.

United States Coast Guard: Chief, Environmental Compliance and Review Branch (G-WP-3), Office of Marine Environment and Systems, U.S. Coast Guard, 2100 2nd St., SW, Wash., D.C. 20593-0001. (202) 426-3300.

Urban Mass Transportation Administration: Director, Office of Planning Assistance (UGM-20), Urban Mass Transportation Administration, Room 9311, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-2360.

Department of Treasury

Manager, Environmental Quality, Physical Security and Safety Division, Department of the Treasury, Room 800, Treasury Bldg., 1331 G St., NW, Wash., D.C. 20220-0001. (202) 376-0289.

INDEPENDENT AGENCIES

ACTION

Assistant Director, Office of Policy and Planning, ACTION, Room M-606, 806 Connecticut Ave., NW, Wash., D.C. 20525-0001. (202) 634-9304; WATS #800-424-8580, ext. 81.

Advisory Council on Historic Preservation

Director, Office of Cultural Resource Preservation, Advisory Council on Historic Preservation, Old Post Office Building, Suite 803, 1100 Pennsylvania Ave., NW, Wash., D.C. 20004-2590. (202) 786-0505.

Appalachian Regional Commission

Director, Division of Housing and Community Development, Appalachian Regional Commission, 1666 Connecticut Ave., NW, Wash., D.C. 20235-0001. (202) 673-7845.

Arms Control and Disarmament Agency

General Counsel, Arms Control and Disarmament Agency, Room 5534, 320 21st St., NW, Wash., D.C. 20451-0001. (202) 632-3582.

Central Intelligence Agency

Chief, Real Estate and Construction Division, Office of Logistics, Central Intelligence Agency, Room 2F09, Page Bldg., 803 Follin Lane, Vienna, VA. (703) 281-8111. MAILING ADDRESS: Washington, D.C. 20505-0001.

Civil Aeronautics Board

Chief, Environmental and Energy Programs (B-60C), Civil Aeronautics Board, Room 909, Universal Bldg., 1825 Connecticut Ave., NW, Wash., D.C. 20428-0001. (202) 426-9622.

Consumer Product Safety Commission

Assistant General Counsel, Office of the General Counsel, Consumer Product Safety Commission, Room 200, 5401 Westbard Ave., Bethesda, MD. (301) 492-6550. MAILING ADDRESS: Washington, D.C. 20207-0001.

Delaware River Basin Commission

Executive Director, Delaware River Basin Commission, 25 State Police Drive, P.O. Box 7360, West Trenton, NJ 08628-0360. (609) 883-9500; (FTS) 483-2077.

Environmental Protection Agency

Director, Office of Federal Activities (A-104), Environmental Protection Agency, Room 2119-I, 401 M St., SW, Wash., D.C. 20460-0001. (202) 382-5053.

Export-Import Bank of the United States

General Counsel, Export-Import Bank of the United States, Room 947, Lafayette Bldg., Room 947, 811 Vermont Ave., NW, Wash., D.C. 20571-0001. (202) 566-8334.

Farm Credit Administration

Deputy Governor—Region I, Office of Examination and Supervision, Farm Credit Administration, 1501 Farm Credit Drive, McLean, VA 22102-5090. (703) 883-4161.

Federal Communications Commission

Staff Attorney, Legal Counsel Division, Office of General Counsel, Federal Communications Commission, Room 621,

1919 M St., NW, Wash., D.C. 20554-0001. (202) 632-6990.

Federal Deposit Insurance Corporation

Director, Division of Accounting and Corporate Services, Federal Deposit Insurance Corporation, Room 6120, 550 Seventeenth St., NW, Wash., D.C. 20429-0001. (202) 389-4691.

Federal Emergency Management Agency

Associate General Counsel, Federal Emergency Management Agency, Room 840, 500 C St., SW, Wash., D.C. 20472-0001. (202) 287-0387.

Federal Energy Regulatory Commission

(1) Legal Matters: Deputy Assistant General Counsel, Division of Rulemaking and Policy Coordination, Office of General Counsel, Federal Energy Regulatory Commission, Room 8600A, 825 N. Capitol St., NE, Wash., D.C. 20426-0001. (202) 357-8033.

(2) Natural Gas Matters: Chief, Environmental Evaluation Branch, Office of Pipeline and Producer Regulation, Federal Energy Regulatory Commission, Room 7102A, 825 N. Capitol St., NE, Wash., D.C. 20426-0001. (202) 357-8098.

(3) Electric and Hydroelectric Matters: Director, Division of Environmental Analysis, Office of Hydropower Licensing, Federal Energy Regulatory Commission, Room 308, Railway Labor Building, 400 First St., NW, Wash., D.C. 20426-0001. (202) 376-1768.

Federal Home Loan Bank Board

Deputy Director for Corporate, Corporate and Securities Division, Office of General Counsel, Federal Home Loan Bank Board, Third Floor, East Wing, 1700 G St., NW, Wash., D.C. 20552-0001. (202) 377-6411.

Federal Maritime Commission

Director, Office of Energy and Environmental Impact, Federal Maritime Commission, 1100 L St., NW, Wash., D.C. 20573-0001. (202) 523-5835.

Federal Reserve Board

Senior Attorney, Office of General Counsel, Federal Reserve Board, Room B-1016E, 20th St. and Constitution Ave., NW, Wash., D.C. 20551-0001. (202) 452-3236.

Federal Trade Commission

Deputy Assistant General Counsel, Federal Trade Commission, Room 582, 6th St. and Pennsylvania Ave., NW, Wash., D.C. 20580-0001. (202) 523-1928.

General Services Administration

Director, Environmental Affairs Staff (PRE), Office of Space Management, Public Buildings Service, General Services Administration, Room 2323, 18th and F Sts., NW, Wash., D.C. 20405-0001. (202) 566-0654.

International Boundary and Water Commission, United States Section

Principal Engineer, Investigations and Planning Division, International Boundary and Water Commission, United States Section, IBWC Bldg., 4110 Rio Bravo, El Paso, TX 79902-1091. (915) 541-7304; (FTS) 572-7304.

Interstate Commerce Commission

Chief, Section of Energy and Environment, Office of Transportation Analysis, Interstate Commerce Commission, Room 4143, 12th St. and Constitution Ave., NW, Wash., D.C. 20423-0001. (202) 275-0800.

Lowell Historic Preservation Commission

Planning Director, Lowell Historic Preservation Commission, 204 Middle Street, Lowell, MA 01852-1815. (617) 458-7653; (FTS) 829-0766.

Marine Mammal Commission

General Counsel, Marine Mammal Commission, Room 307, 1625 Eye St., NW, Wash., D.C. 20006-3054. (202) 653-6237.

National Academy of Sciences

Staff Director, Environmental Studies Board, National Academy of Sciences, Room JH-804, 2101 Constitution Ave., NW, Wash., D.C. 20418-0001. (202) 334-3060.

National Aeronautics and Space Administration

Environmental Compliance Officer, Facilities Engineering Division (NXG), National Aeronautics and Space Administration, Room 5031, 400 Maryland Ave., SW, Wash., D.C. 20546-0001. (202) 453-1958.

National Capital Planning Commission

Environmental/Energy Officer, Division of Planning Services, National Capital Planning Commission, Room 1024, 1325 G St., NW, Wash., D.C. 20576-0001. (202) 724-0179.

National Credit Union Administration

Director, Department of Legal Services, National Credit Union Administration, Room 6261, 1776 G St., NW, Wash., D.C. 20456-0001. (202) 357-1030.

National Science Foundation

Chairman and Staff Associate, Committee on Environmental Matters; Office of Astronomical, Atmospheric, Earth and Ocean Sciences; National Science Foundation, Room 641, 1800 G St., NW, Wash., D.C. 20550-0001. (202) 357-7615.

Nuclear Regulatory Commission

(1) Director, Division of Engineering, Office of Nuclear Reactor Regulation, Nuclear Regulatory Commission, Room P-202, Phillips Bldg., 7920 Norfolk Ave., Bethesda, MD 20814-2587. (301) 492-7207.

(2) Director, Division of Fuel Cycle and Materials Safety, Office of Nuclear Material Safety and Safeguards, Nuclear Regulatory Commission, Room 562, Willste Building, 7915 Eastern Ave., Silver Spring, MD 20910-4896. (301) 427-4485.

Pennsylvania Avenue Development Corporation

Director of Development, Pennsylvania Avenue Development Corporation, Suite 1248, 425 13th St., NW, Wash., D.C. 20004-1856. (202) 523-5477.

Securities and Exchange Commission

Special Counsel, Office of Public Utility Regulation, Securities and Exchange

Commission, Room 7012, 450 Fifth St., NW, Wash., D.C. 20549-0001. (202) 272-7648.

Small Business Administration

Director, Office of Business Loans, Small Business Administration, Room 804-C, 1441 L St., NW, Wash., D.C. 20416-0001. (202) 653-6896.

Susquehanna River Basin Commission

Executive Director, Susquehanna River Basin Commission, 1721 N. Front St., Harrisburg, PA. 17102-2391. (717) 238-0422.

Tennessee Valley Authority

Director, Environmental Quality Staff, Tennessee Valley Authority, 201 Summer Place Building, 309 Walnut St., Knoxville, TN 37902-1411. (615) 632-6578; (FTS) 856-6578.

United States Information Agency

Assistant General Counsel, United States Information Agency, 301 Fourth St., SW, Wash., D.C. 20547-0001. (202) 485-7976.

United States International Development Cooperation Agency

(1) Environmental Affairs Coordinator, Office of External Affairs, U.S. Agency for International Development, Department of State Bldg., 320 21st St., NW, Wash., D.C. 20523-0001. (202) 632-8268.

(2) International Economist/Environmental Officer, Office of Development, Overseas Private Investment Corporation, 1129 20th St., NW, Wash., D.C. 20527-0001. (202) 653-2904.

United States Postal Service

Director, Office of Program Planning, Real Estate and Buildings Department, United States Postal Service, Room 4014, 475 L'Enfant Plaza West, SW, Wash., D.C. 20260-6420. (202) 245-4304.

Veterans Administration

Director, Environmental Affairs, Veterans Administration, Code 005, 810 Vermont Ave. NW, Wash., D.C. 20420-0001. (202) 389-2192.

Appendix II—Federal and Federal-State Agencies With Jurisdiction by Law or Special Expertise on Environmental Quality Issues

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I. POLLUTION CONTROL

A. Air Quality

Department of Agriculture

- Agricultural Research Service (effects of air pollution on vegetative growth).
- Farmers Home Administration (effects of air pollution on housing, community, and business loan programs, and farmer loan programs).
- Forest Service (effects of air pollution on vegetation and visibility; fire smoke management on National Forest and Grasslands).
- Rural Electrification Administration (electric power plant emissions).
- Soil Conservation Service (effects of air pollution on vegetation; wind erosion).

Department of Commerce

- National Bureau of Standards (air quality measurements, standards, data and methods).
- National Oceanic and Atmospheric Administration (meteorological and climatological research and monitoring in relation to urban air pollution; incorporation of national air quality standards in Coastal Zone Management Plans for management and protection of coastal and marine resources).

Department of Defense

- Department of the Air Force (air pollution from military aircraft).
- Department of the Army (emissions from military vehicles).

Department of Energy

- Economic Regulatory Administration (emissions from power plants and other major fuel-burning installations):
 - Exemptions from prohibitions against burning of natural gas and oil in power plants and major fuel-burning installations. 42 U.S.C. 7101 and 8301 (10 CFR Part 500, *et seq.*).
 - Office of Policy, Safety, and Environment (air quality in relation to general energy policies, programs, and projects; emissions from energy sources).

Department of Health and Human Services

- Public Health Service: Center for Disease Control (effects of air pollution on health); National Institutes of Health (effects of air pollution on health).

Department of Housing and Urban Development

- Office of Community Planning and Development (effects of air pollution on the built environment; air pollution abatement; energy costs and State Implementation Plans).
- Office of Housing (effect of air pollution on housing values and marketability; economic impacts).

Department of the Interior

- Fish and Wildlife Service (effects of air pollution, including acid rain, on endangered species and critical habitats; National Wildlife Refuge System areas; and other fish and wildlife resources).
- Geological Survey (effects of acid rain on surface and ground waters).
- Bureau of Indian Affairs (effects of air pollution on Indian lands).
- Bureau of Land Management (effects of air pollution, including smoke from forest fires and prescribed burning, on public lands, vegetation and visibility).
- Minerals Management Service (emissions from outer continental shelf lease operations):

—Oil, gas, and sulphur operations on the outer continental shelf—air quality. 43 U.S.C. 1331, *et seq.*, and 42 U.S.C. 7411 (30 CFR Part 250.57).

- Bureau of Mines (air pollution from mining and minerals processing).
- National Park Service (visibility and other effects of air pollution on National Park System areas; effects of air pollution on recreation areas and historic, archeological and architectural sites).
- Office of Surface Mining Reclamation and Enforcement (air pollution from surface coal mining and reclamation operations; control of wind erosion at surface coal mines; control of coal waste fires).

Department of Labor

- Mine Safety and Health Administration (airborne hazards in mining operations).
- Occupational Safety and Health Administration (airborne hazards in the workplace):

—Air contaminants, toxic and hazardous substances. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910, Subpart Z).

Department of State (international aspects of air pollution).

Department of Transportation

- Coast Guard (cargo tank venting and vapor recovery systems).
- Federal Aviation Administration (aircraft emissions):
 - Fuel venting and exhaust emission requirements for turbine engine powered airplanes. Special Federal Aviation Regulation 27 (SFAR). 42 U.S.C. 1857, *et seq.*, 7571 and 7601; 49 U.S.C. 1345, 1348, 1421, 1423 and 1655 (14 CFR Part 11; 40 CFR Part 87).
 - Federal Highway Administration (highway related air quality impacts; vehicle emissions):

—Air quality conformity of highway projects. 23 U.S.C. 109; 42 U.S.C. 7401, *et seq.*, and 7506 (23 CFR Part 770).

- Federal Railroad Administration (locomotive emissions).

- Urban Mass Transportation Administration (air quality effects of urban transportation systems):

—Air quality conformity of transit projects. 42 U.S.C. 7401, *et seq.*, and 7506 (49 CFR Part 623).

Advisory Council on Historic Preservation (effects of air pollution on historic districts, buildings and monuments).

Consumer Product Safety Commission (toxic emissions from consumer products and household substances):

—Consumer products and household substances regulations. 15 U.S.C. 1261, *et seq.*, and 2051, *et seq.* (16 CFR Part 1000, *et seq.*).

Environmental Protection Agency (effect of air pollution on public health and welfare; air quality criteria and standards; air pollution control and abatement technologies; transportation emissions and air quality impacts; stationary source emissions; monitoring technology):

—Air quality programs in general. 42 U.S.C. 1857, *et seq.*; 7401, *et seq.*; 7501, *et seq.*; and 7601, *et seq.* (40 CFR Parts 50–87).

—Prevention of significant air quality deterioration. 42 U.S.C. 7470, *et seq.* (40 CFR Parts 51, 52 and 124).

—Approval of State Implementation Plans (SIPs) for National primary and secondary ambient air quality standards. 42 U.S.C. 7410 (40 CFR Parts 51 and 52).

—Approval of State plans for standards of performance for new stationary emission sources (NPS). 42 U.S.C. 7411 (40 CFR Part 60).

—Applications for primary non-ferrous smelter orders. 42 U.S.C. 7419 (40 CFR Part 57).

—Assuring that Federal projects conform with State Implementation Plans. 42 U.S.C. 7616 (40 CFR Part 20).

—Certification of new emission sources for conformance with National Emission Standards for Hazardous Air Pollutants including radioactive materials. 42 U.S.C. 7412(c) (40 CFR Part 61).

Interstate Commerce Commission (air pollution from trucks and railroads).

National Aeronautics and Space Administration (advanced technology for remote sensing of air quality parameters and for reduction of aircraft engine emissions).

Nuclear Regulatory Commission (radioactive substances in air pollution):

—For jurisdictional responsibilities see Part I.E—Radiation.

Tennessee Valley Authority (air quality in the Tennessee Valley region; measurement and control of air pollution from fossil-fueled steamplants; effects on vegetation).

B. Water Quality

Department of Agriculture

- Agricultural Research Service (research on erosion and sediment control, pesticide degradation and runoff, and salinity).

- Agricultural Stabilization and Conservation Service (water quality on agricultural lands; Water Bank Program).

- Farmers Home Administration (water quality in relation to housing, community, and business loan programs, and farmer loan programs).

- Forest Service (effects of water pollution on National Forests and Grasslands, and on forest and range land in general):

—Consultation regarding effects of pollution on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*

—Management of municipal watersheds on National Forest lands. (36 CFR Parts 251.9 and 251.35).

- Soil Conservation Service (water quality in relation to agricultural waste management, erosion and sediment control and stabilization of rural abandoned mines; salinity control; pesticides in conservation systems):

—Reclamation of rural abandoned mined land. 30 U.S.C. 1201 *et seq.* (7 CFR Part 632).

—Program for land conservation and utilization, and aquaculture. 7 U.S.C. 1011(e).

Department of Commerce

- National Bureau of Standards (water quality measurements, standards, data, and methods).

- National Oceanic and Atmospheric Administration (water quality in the management and protection of coastal and marine resources, marine pollution research and monitoring for ocean mining):

—National Ocean Pollution Planning Act. 33 U.S.C. 1701, *et seq.*

—Marine Protection, Research, and Sanctuaries Act. 16 U.S.C. 1431, *et seq.* 15 CFR Part 922, *et seq.*

Department of Defense

- Army Corps of Engineers (water pollution from activities in navigable waters):

—Rules governing work or structure in or affecting navigable waters of the United States. 33 U.S.C. 401 and 403 (33 CFR Parts 321 and 322).

—Authority to enjoin dumping of, or force removal of, refuse placed in or on the banks of a navigable water or tributary of a navigable water. 33 U.S.C. 407 (33 CFR Part 320.2(d)).

—Permits for discharges of dredged or fill materials into waters of the United States. 33 U.S.C. 1344 (33 CFR Part 323).

—Guidelines controlling discharge of dredged or fill material in waters of the U.S. including wetlands. 33 U.S.C. 1344(b) and 1361(a) (40 CFR Part 230).

—Permits for transportation of dredged materials for dumping into ocean waters. 33 U.S.C. 1413 (33 CFR Part 324).

—Regulation of artificial islands, installations and devices on the outer continental shelf. 43 U.S.C. 1333(e). (33 CFR Part 320.2(b)).

- Department of Navy (water pollution control for ships and naval installations; oceanography).

Department of Energy

- Office of Policy, Safety, and Environment (water quality and marine pollution in

relation to general energy policies, programs and projects).

Department of Health and Human Services

- Center for Disease Control (effects of water quality on health).

- Food and Drug Administration (shellfish sanitation; contamination of fish and shellfish with toxics).

Department of Housing and Urban Development

- Office of Community Planning and Development (effects of water pollution community planning and on sole source aquifers, floodplains, wetlands, and urban coastal zones).

Department of the Interior

- Fish and Wildlife Service (effects of water pollution on National Wildlife Refuge and National Fish Hatchery System areas, endangered species and their critical habitats, migratory waterfowl, floodplains, wetlands, estuarine areas, marine sanctuaries, barrier islands, and sport fisheries and wildlife resources).

- Geological Survey (general hydrology and water quality; National Water Summary; National Stream Quality Accounting Network [NASQAN]).

- Bureau of Indian Affairs (water quality on Indian lands).

- Bureau of Land Management (water quality on public lands):

—Permits and leases for facilities to control/reduce water pollution. 43 U.S.C. 1732(b) and 1761(a)(1) (43 CFR Part 2800).

- Minerals Management Service (effects of marine pollution on the outer continental shelf and coastal waters):

—Control of pollution from mineral mining, including oil and gas development, on the outer continental shelf. 43 U.S.C. 1331–1343. (30 CFR Parts 250, 251, 252 and 256).

- Bureau of Mines (water pollution from mining and mineral processing; acid mine drainage).

- National Park Service (effects of water pollution on National Park System areas including National Seashores and Lakeshores, on outdoor recreational values, and on historic, archeological, and architectural resources):

—Consultations regarding effects of pollution on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*

- Bureau of Reclamation (effects of public works, salinity control, sedimentation, and irrigation on water quality; effects of water developments on estuarine areas; research in weather modification, water quality and quantity, and desalinization).

- Office of Surface Mining Reclamation and Enforcement (effects of surface coal mining and reclamation operations on water quality and hydrologic balance).

Department of State (international aspects of water pollution):

—Facilities for export/import of water and sewage. Executive Order 11423.

Department of Transportation

- Coast Guard (effects of oil spills and ship sanitation on water quality; ocean dumping enforcement; marine resource protection);
- Tanker construction, equipment, manning, operation. 46 U.S.C. 391(a) (33 CFR Part 157).
- Control of pollution by oil and hazardous substance discharges in ports, waterways, and offshore facilities. 33 U.S.C. 1008–1011, 1221, and 1321; 50 U.S.C. 191 (33 CFR Parts 151 and 154–156).
- Certification of marine sanitation devices. 33 U.S.C. 1322 (33 CFR Part 159).
- Federal Highway Administration (effects of highways, traffic and use of salt on water quality).
- Maritime Administration (water pollution from ships; destruction/treatment of wastes at sea):
- Merchant vessels, polluting discharges and dumping. 46 U.S.C. 1101, *et seq.*
- Port operations, polluting discharges and dumping. 46 U.S.C. 867.
- Research and Special Programs Administration: Materials Transportation Bureau (effects of hazardous substances transportation on water quality).
- *Advisory Council on Historic Preservation* (effects of water pollution on historic districts, buildings and monuments).
- *Environmental Protection Agency* (waste water treatment works; effluent limitations; oil and hazardous substance discharges; protection of drinking water supplies; thermal discharges; ocean dumping; monitoring technology):
- Water quality programs in general. 33 U.S.C. 1160, *et seq.*, and 1251, *et seq.*; 42 U.S.C. 300f, *et seq.*, and 6901, *et seq.* (40 CFR Parts 100–149).
- Effluent guidelines and standards. 33 U.S.C. 1251, *et seq.* (40 CFR Part 401, *et seq.*).
- Ocean dumping in general. 33 U.S.C. 1344, 1361 and 1412–1418 (40 CFR Parts 220–231).
- Permits for discharge of specific pollutants from aquaculture projects. 33 U.S.C. 1328 (40 CFR Parts 122–124).
- Review of permits for transportation of dredged material for ocean dumping. 33 U.S.C. 1413 (40 CFR Parts 220–229).
- Permits for transportation of materials (other than dredged material) for ocean dumping. 33 U.S.C. 1412 and 1414 (40 CFR Parts 220–229).
- Permits for disposal of sewage sludge. 33 U.S.C. 1345 (40 CFR Parts 122–125).
- Permits for ocean discharges. 33 U.S.C. 1343 (40 CFR Parts 125.120–125.124).
- Regulation of discharges of oil and hazardous substances in waters of the United States. 33 U.S.C. 1321 and 1361 (40 CFR Part 112).
- Permits for treatment, storage or disposal of hazardous wastes. 2 U.S.C. 6925 (40 CFR Parts 124, 270, and 271).
- Review of permits for discharges of dredged or fill materials into navigable waters. 33 U.S.C. 1344(c) (40 CFR Part 230).
- Guidelines controlling the discharge of dredged or fill material in waters of the U.S. including wetlands. 33 U.S.C. 1344(b) and 1361(a) (40 CFR Part 230).
- Assistance for construction of publicly-owned waste water treatment works. 33 U.S.C. 1281 (40 CFR Parts 30 and 35).

- Underground injection control permits. 42 U.S.C. 300f, *et seq.* (40 CFR Parts 122–124 and 144–146).
- National Pollutant Discharge Elimination System (NPDES) wastewater permits. 33 U.S.C. 1342 (40 CFR Parts 122–125, 129, 133, and 136).
- Designation of Sole Source Aquifers. 42 U.S.C. 300f and h-3(e) (40 CFR Part 148).
- *Federal Emergency Management Agency* (water quality in floodplain management).
- *Federal Maritime Commission* (vessel certification with respect to liability for water pollution):
- Certificates of financial responsibility for water pollution. 33 U.S.C. 1321 (46 CFR Part 542); 42 U.S.C. 1643 (46 CFR Part 543); 43 U.S.C. 1815 (46 CFR Part 544).
- *International Boundary and Water Commission, United States Section* (U.S.-Mexico border water quality, salinity, and sanitation problems).
- *National Aeronautics and Space Administration* (advanced technology for remote sensing of water quality and marine pollution).
- *Nuclear Regulatory Commission* (radioactive substances in water pollution):
- For jurisdictional responsibilities, see PART I.E.—Radiation.
- *Tennessee Valley Authority* (water quality in the Tennessee Valley; effects of chemical and thermal effluents).

C. Waste Disposal on Land*Department of Agriculture*

- Agricultural Research Service (effects of agricultural wastes and sludge on cropland).
- Agriculture Stabilization and Conservation Service (effects of solid waste, especially sludge disposal, on cropland).
- Forest Service (effects of solid and liquid wastes on National Forests and Grasslands):
- Permits for disposal sites on National Forest System lands. 16 U.S.C. 495, 497, 532–538 and 580 (36 CFR Part 251).
- Rural Electrification Administration (solid waste disposal from electric power plants).
- Soil Conservation Service (agriculture waste management; siting of disposal areas; sludge application on cropland for beneficial purposes).

Department of Commerce

- National Bureau of Standards (measurements, standards, data, and methods relating to solid and liquid wastes).
- National Oceanic and Atmospheric Administration (disposal of solid wastes in the management and protection of coastal and marine resources).

Department of Health and Human Services

- Center for Disease Control (effects of wastes on health).
- Food and Drug Administration (contamination of food resulting from disposal of municipal and industrial waste treatment sludge).

Department of the Interior

- Fish and Wildlife Service (effects of solid wastes on National Wildlife Refuge and National Fish Hatchery System areas,

endangered species and their critical habitats, and other fish and wildlife resources).

- Geological Survey (geologic and hydrologic effects of solid and liquid wastes).
- Bureau of Indian Affairs (effects of solid wastes on Indian lands).
- Bureau of Land Management (effects of solid wastes on public lands):
- Sale or lease of land for solid waste disposal sites. 43 U.S.C. 869, *et seq.* (for sale—43 CFR Part 2740; for lease—43 CFR Part 2912).
- Bureau of Mines (mine wastes; mineral processing wastes; tailings stabilization; impoundment structures; municipal solid wastes; recycling).
- National Park Service (effects of solid wastes on National Park System areas).
- Office of Surface Mining Reclamation and Enforcement (surface coal mining and reclamation operation wastes).

Department of Labor

- Mine Safety and Health Administration (mine waste control).

Department of Transportation

- Maritime Administration (destruction/treatment of wastes at sea).
- Research and Special Programs Administration: Materials Transportation Bureau (transport of hazardous wastes):

—Hazardous materials regulations. (49 CFR Part 171, *et seq.*).

• *Environmental Protection Agency* (solid wastes; hazardous waste; resource conservation and recovery; removal and remedial actions; environmental effects):

Solid wastes in general. 42 U.S.C. 3251, *et seq.*, and 6901, *et seq.* (40 CFR Parts 240–271); 42 U.S.C. 9601 *et seq.* (40 CFR Part 300, *et seq.*).

- Permits for disposal of sewage sludge. 33 U.S.C. 1345 (40 CFR Parts 122–125).
- Solid Waste Disposal Act permits. 42 U.S.C. 3251, *et seq.*, and 6901, *et seq.* (40 CFR Parts 124, 257, 270, 271 and 350).
- Criteria for classification of solid waste disposal facilities and practices. 42 U.S.C. 6907(a)(3) and 6944(a); 33 U.S.C. 1345 (40 CFR Part 257).
- Identification and listing of hazardous wastes. 42 U.S.C. 6921 (40 CFR Part 261).
- Standards applicable to generators and transporters of hazardous waste, and for owners and operators of hazardous waste treatment, storage, and disposal facilities. 42 U.S.C. 6922–6924 (40 CFR Parts 260–267).
- Permits for hazardous waste treatment, storage, and disposal facilities. 42 U.S.C. 6925 (40 CFR Parts 123, 124, 270 and 271).
- Preliminary notification of hazardous waste activities. 42 U.S.C. 6930 (40 CFR Parts 261.5, 262.12, and 263.11).
- Removal and remedial actions taken in response to the release or threatened release of hazardous substances. 42 U.S.C. 9601 (23) and (24) 40 CFR Part 300).
- National Contingency plan for the release of oil and hazardous substances into the environment. 42 U.S.C. 9605 (40 CFR Part 300).

—Notification requirements for the release of hazardous substances into the environment. 42 U.S.C. 9605 (40 CFR Part 302).

—Assistance for construction of solid waste disposal facilities. 42 U.S.C. 6981, *et seq.* (40 CFR Parts 30 and 35).

Federal Emergency Management Agency (hazardous materials emergency management and disaster relief assistance).

General Services Administration (wastes in public buildings).

Nuclear Regulatory Commission (radioactive waste disposal);

—For jurisdictional responsibilities, see PART I. E—Radiation.

Tennessee Valley Authority (coal combustion products).

D. Noise

Department of Agriculture

- Farmers Home Administration (noise in relation to housing, community, and business loan programs, and farmer loan programs).

- Forest Service (noise effects on National Forests and Grasslands).

- Rural Electrification Administration (electric generating facility, powerline, and substation noise).

Department of Commerce

- National Oceanic and Atmospheric Administration (effects of noise on marine mammals).

Department of Defense

- Department of the Air Force (military aircraft noise).

- Department of the Army (noise from rotary wing aircraft and other military vehicles).

Department of Health and Human Services

- Public Health Service (effects of noise on health).

Department of Housing and Urban Development

- Office of Community Planning and Development (aircraft and vehicular noise and land use compatibility);

—Noise abatement and control. (24 CFR Part 51, Subpart B).

—Siting of HUD assisted projects in runway clear zones (civil airports) and clear zones and accident potential zones (military airfields). (24 CFR Part 51, Subpart D).

- Office of Housing (noise standards for housing; noise abatement and control).

Department of Interior

- Fish and Wildlife Service (effects of noise on endangered species and their critical habitats, National Wildlife Refuge System areas, and other fish and wildlife resources).

- Bureau of Indian Affairs (noise effects on Indian lands).

- Bureau of Land Management (noise effects on public lands; noise abatement and control).

- Minerals Management Service (effects of noise on marine mammals).

- Bureau of Mines (mine noise, blasting and vibration).

- National Park Service (effects of noise on National Parks system areas, including off-

road vehicular noise; effects of noise and vibration on historic, archeological, and architectural sites, and recreational resources).

- Bureau of Reclamation (effects of noise on reclamation project lands).

- Office of Surface Mining Reclamation and Enforcement (noise from surface coal mining and reclamation operations, and from the use of explosives).

Department of Labor

- Mining Safety and Health Administration (noise in mining operations).

- Occupational Safety and Health Administration (noise in the workplace):

—Occupational noise exposure. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910.95).

Department of Transportation

- Federal Aviation Administration (aircraft noise and land use compatibility):

—Airport noise compatibility planning. 49 U.S.C. 1341, 1348, 1354, 1421, 1431, 1655 and 2101–2104 (14 CFR Part 150).

—Noise standards: Aircraft type and airworthiness certification. 49 U.S.C. 1354, 1421, 1423, 1431 and 1655 (14 CFR Part 36).

—Operating noise limits. 49 U.S.C. 1344, *et seq.*; 1421, *et seq.*, and 1655 (14 CFR Part 91, Subpart E).

—Civil aircraft sonic boom. (14 CFR Part 91.55).

- Federal Highway Administration (traffic and motor vehicle noise):

—Procedures for abatement of highway traffic and construction noise. 23 U.S.C. 109 (23 CFR Part 772).

- Federal Railroad Administration (railroad noise):

—Railroad noise emission compliance regulation. 42 U.S.C. 4901, *et seq.* (49 CFR Part 210).

—Noise standards for railroad employees. (49 CFR Parts 228–229).

- Urban Mass Transportation Administration (urban transportation system noise).

Advisory Council on Historic Preservation (effects of noise and vibration on historic districts, buildings and monuments).

Consumer Products Safety Commission (hazardous noise from consumer products):

—Consumer products regulations. 15 U.S.C. 1261, *et seq.*, and 2051, *et seq.* (16 CFR Part 1000, *et seq.*).

Environmental Protection Agency (noise exposure standards; noise abatement and control techniques; noise impact assessment techniques; environmental effects):

—Noise abatement programs. 42 U.S.C. 4901, *et seq.* (40 CFR Part 201, *et seq.*).

Interstate Commerce Commission (noise effects from trucks and railroads).

National Aeronautics and Space Administration (advanced technology for reduction of aircraft noise).

E. Radiation

Department of Agriculture

- Agricultural Research Service (effects of irradiation on insects and microorganisms in food).

- Forest Service (disposal of radioactive materials in National forests and Grasslands; electromagnetic radiation from powerlines and radio transmission systems).

- Rural Electrification Administration (electromagnetic radiation from high voltage sources).

Department of Commerce

- National Bureau of Standards (radiation measurements, standards, methods and data).

- National Oceanic and Atmospheric Administration (electromagnetic radiation from radar systems and telecommunications).

Department of Energy

- Office of Civilian Radioactive Waste Management (storage and disposal of commercial high-level radioactive waste and spent nuclear fuel).

- Office of Defense Programs (storage and disposal of Defense nuclear waste).

- Office of Energy Research (health effects of radiation and nuclear energy).

- Office of Policy, Safety, and Environment (nuclear energy and radioactive waste disposal; radiation effects).

Department of Health and Human Services

- Food and Drug Administration (effects of radiation on health and safety; contamination of food with radioactive materials).

- National Institutes of Health (effects of radiation on health).

Department of Housing and Urban Development

- Office of Community Planning and Development (radiation health and safety factors; siting and distance criteria):

—Policy guidance on problems posed by toxic chemicals and radioactive materials. (HUD Notice 79–33 of Sept. 10, 1979).

- Office of Housing (radiation location factors affecting value and marketability).

Department of the Interior

- Fish and Wildlife Service (effects of radiation on National Wildlife Refuges, endangered species and their critical habitats, and other fish and wildlife resources).

- Geological Survey (effects of radioactive waste disposal).

- Bureau of Indian Affairs (effects of radiation on Indian lands).

- Bureau of Land Management (effects of radiation on public lands):

—Withdrawal of public lands for deep-burial depositories for radioactive waste. 43 U.S.C. 1714 (43 CFR Part 2300, *et seq.*).

- Bureau of Mines (radiation from uranium mines).

- National Park Service (effects of radiation on National Park System areas).

Department of Labor

- Mining Safety and Health Administration (worker protection from radiation exposure in mining).

- Occupational Safety and Health Administration (worker protection from exposure to sources of radiation not covered by other Federal agencies):

—Ionizing and nonionizing radiation. 29 U.S.C. 655, *et seq.* (29 CFR Parts 1910.96 and 1910.97).

Department of Transportation

- Federal Aviation Administration (radiation effects on air traffic; transport of radioactive materials).
- Federal Highway Administration: Bureau of Motor Carrier Safety (radioactive material transportation in interstate commerce):

—Hazardous materials tables and communications regulations. (49 CFR Part 172).

- Research and Special Programs Administration: Materials Transportation Bureau (transportation of radioactive materials):

—Hazardous materials regulations. 49 U.S.C. 1801, *et seq.* (49 CFR Part 171, *et seq.*).

Consumer Product Safety Commission (radiation from consumer products and household substances):

—Consumer products and household substances regulations. 15 U.S.C. 1261, *et seq.*; 2051, *et seq.*, and 2080 (16 CFR Part 1000, *et seq.*).

Environmental Protection Agency (radiation protection standards and guidance; radioactive air emissions; ocean disposal of radioactive waste; radiation limits for drinking water; radiation monitoring):

—Radiation protection programs. 42 U.S.C. 2011, *et seq.* (40 CFR Part 190, *et seq.*).

—Standards for the uranium fuel cycle. 42 U.S.C. 2011, *et seq.* (40 CFR Part 190).

—Standards for uranium mill tailings. 42 U.S.C. 2022, (40 CFR Part 192).

—Radiation standards for drinking water. 42 U.S.C. 300f, *et seq.* (40 CFR Part 141).

—Guidance to other Federal agencies for environmental radiation standards. 42 U.S.C. 2021(h).

Federal Emergency Management Agency (review and approval of state and local nuclear incident emergency response plans; Federal contingency plans; radiation hazards emergency management):

Nuclear Regulatory Commission (radioactive wastes, radiation effects in general):

—Standards for protection against radiation. 42 U.S.C. 2073, *et seq.*, and 5841, *et seq.* (10 CFR Part 20).

—Licensing of byproduct material. 42 U.S.C. 2014, *et seq.*, and 5841, *et seq.* (10 CFR Parts 30-33 and 35).

—Licensing and radiation safety requirements for radiography. 42 U.S.C. 2111, *et seq.*, and 5841, *et seq.* (10 CFR Part 34).

—Licensing of source material. 42 U.S.C. 2014 *et seq.*, and 5841, *et seq.* (10 CFR Part 40).

—Licensing of production and utilization facilities. 42 U.S.C. 2073, *et seq.*, and 5841, *et seq.* (10 CFR Parts 50, 51 and 55).

—Disposal of high level radioactive waste. 42 U.S.C. 2021, *et seq.*, and 5842, *et seq.* (10 CFR Parts 60 and 61).

—Licensing of special nuclear material. 42 U.S.C. 2014, *et seq.*, and 5841, *et seq.* (10 CFR Part 70).

—Packaging and transportation of radioactive material. 42 U.S.C. 2073, *et seq.*, and 5841 *et seq.* (10 CFR Part 71).

—Licensing for storage of spent fuel. 42 U.S.C. 2021, *et seq.*, and 5872 *et seq.* (10 CFR Part 72).

—Reactor site criteria. 42 U.S.C. 2133, *et seq.*, and 5841, *et seq.* (10 CFR Part 100).

—Export and import of nuclear material. 42 U.S.C. 2073, *et seq.*, and 5841 (10 CFR Part 110).

—Licenses for Department of Energy demonstration reactors. 42 U.S.C. 5842 (1) and (2).

—Licenses for receipt and long-term storage of high-level radioactive wastes at Department of Energy facilities. 42 U.S.C. 5842 (3) and (4).

Tennessee Valley Authority (nuclear power plant planning; radiation monitoring).

F. Hazardous Substances

(1) Toxic, Explosive, and Flammable Materials

Department of Agriculture

- Agricultural Marketing Services (toxic materials and consumer protection).

- Animal and Plant Health Inspection Service (toxic materials in the control of plant pests, noxious weeds, animal diseases, and vectors).

- Food Safety and Inspection Service (toxic materials and consumer protection).

- Forest Service (effects of toxic materials on National Forests and Grasslands).

- Soil Conservation Service (toxic materials in the control of insects and other plant pests).

Department of Commerce

- National Bureau of Standards (toxic material measurements, standards, methods and data).

- National Oceanic and Atmospheric Administration (toxic materials in coastal and marine resources management and protection; ocean pollution research and monitoring).

Department of Defense (toxic materials in military operations).

Department of Health and Human Services

- Center for Disease Control (toxic materials and health issues).

- Food and Drug Administration (toxic materials and contamination of food).

- National Institutes of Health (toxic materials and health issues).

Department of Housing and Urban Development

- Office of Community Planning and Development (hazardous waste disposal, treatment, and compatible land use):

—Assurances that HUD assisted projects are located in a safe and healthful environment. 42 U.S.C. 1441, *et seq.*

—Policy guidance on problems posed by toxic chemicals and radioactive materials. (HUD Notice 79-33 of Sept. 10, 1979).

—Siting of HUD assisted projects near hazardous operations handling explosive or flammable materials. (24 CFR Part 51, Subpart C).

- Office of Housing (lead-based paint poisoning prevention; hazardous material storage and effects on property values).

Department of the Interior

- Fish and Wildlife Service (effects of toxic materials, including lead shot, on endangered species and critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources).

- Geological Survey (effects of the disposal of toxic wastes).

- Bureau of Indian Affairs (toxic materials on Indian lands).

- Bureau of Land Management (toxic materials on public lands).

- Minerals Management Service (toxic materials from outer continental shelf mineral, including oil and gas, operations):

—Discharges from outer continental shelf mineral, including oil and gas, operations. 43 U.S.C. 1331, *et seq.* (30 CFR Part 250).

- Bureau of Mines (disposal methods for selected milling and mine wastes).

- National Park Service (effects of toxic materials on National Park System areas).

- Bureau of Reclamation (effects of toxic materials on water storage and delivery projects).

- Office of Surface Mining Reclamation and Enforcement (toxic materials from surface coal mining and reclamation wastes).

Department of Labor

- Mining Safety and Health Administration (toxic materials in mining).

- Occupational Safety and Health Administration (toxic materials in the workplace):

—Hazardous and toxic materials and substances. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910, Subparts H and Z).

Department of Transportation

- Coast Guard (transportation of toxic materials by vessel; discharges to navigable waters):

—Transportation of hazardous materials by vessel. 46 U.S.C. 170, 375, 391(a) and 416(j); 49 U.S.C. 1655, 1803, 1804 and 1808(j); 50 U.S.C. 191 (33 CFR Parts 151, *et seq.*, and 160, *et seq.* (46 CFR Chapter I).

—Hazardous substance discharge in navigable waters. 33 U.S.C. 1321 (33 CFR Parts 25 and 151, *et seq.*; 46 CFR Part 542, *et seq.*).

- Federal Aviation Administration (hazardous aircraft cargo).

- Federal Highway Administration: Bureau of Motor Carrier Safety (hazardous material transportation in interstate commerce):

—Hazardous materials tables and communications regulations. (49 CFR Part 172).

—Transportation of hazardous materials—driving and parking rules. (49 CFR Part 397).

- Federal Railroad Administration (railroad transport of hazardous materials).

- Maritime Administration (port, coastal and ocean pollution from hazardous materials):

—Merchant vessels, polluting discharges, dumping, and destruction/treatment of wastes at sea. 46 U.S.C. 1101, *et seq.*

- Research and Special Programs Administration: Materials Transportation Bureau (hazardous cargo; hazardous materials in pipelines);
- Transportation of hazardous materials. 49 U.S.C. 1801, *et seq.* (49 CFR Part 171, *et seq.*, and 190, *et seq.*).
- Approval for shipments of Class A explosives. 49 U.S.C. 1707 (7).
- Permits for facilities to handle hazardous materials. 49 U.S.C. 1801, *et seq.*

Consumer Product Safety Commission (toxic consumer products and hazardous household substances):

- Consumer product and household substances regulations. 15 U.S.C. 1261, *et seq.*; 1471, *et seq.*; and 2051, *et seq.* (16 CFR Part 1000, *et seq.*).

Environmental Protection Agency (hazardous material pollution control and environmental effects):

- Permits for the treatment, storage and disposal of hazardous wastes. 42 U.S.C. 6901, *et seq.* (40 CFR Parts 122–124, 257, 270, and 271).
- Criteria for classification of hazardous waste disposal facilities and practices. 42 U.S.C. 6907(a)(3) and 6944(a); 33 U.S.C. 1345 (40 CFR Part 257).
- Identification and listing of hazardous waste. 42 U.S.C. 6921 (40 CFR Part 261).
- Standards applicable to generators and transporters of hazardous wastes and for owners and operators of hazardous waste treatment, storage and disposal facilities. 42 U.S.C. 6901, *et seq.* (40 CFR Parts 260–267).
- Preliminary notification of hazardous waste activities. 42 U.S.C. 6930 (40 CFR Parts 261.5, 262.12 and 263.11).
- National emission standards for hazardous air pollutants (NESHAP). 42 U.S.C. 1857, *et seq.* General provisions: (40 CFR Part 61).
- Hazardous substances in water. 33 U.S.C. 1251, *et seq.* (40 CFR Parts 116 and 117).
- Toxic effluent standards. 33 U.S.C. 1251, *et seq.* (40 CFR Part 129).
- Control of toxic substances in general. 15 U.S.C. 2601, *et seq.* (40 CFR Part 702, *et seq.*).
- Regulation of hazardous chemical substances and mixtures. 15 U.S.C. 2605 (40 CFR Part 750).
- Reporting of toxic substances inventory and retention of information. 15 U.S.C. 2607 (40 CFR Parts 710, 716, 761 and 763).
- Testing of chemical substances and mixtures. 15 U.S.C. 2603.

Federal Emergency Management Agency (evacuations and relocations resulting from hazardous materials released into the environment):

- Temporary evacuation and housing and permanent relocation due to hazardous substances pollution. 42 U.S.C. 9604(a)(1) and 9607 (23) and (24).

(2) Food Additives and Contamination of Food

Department of Agriculture

- Agricultural Research Service (detection of additives and contaminants in food).
- Agricultural Marketing Service (food quality standards).

- Food Safety and Inspection Service (contamination of meat and poultry products).

Department of Commerce

- National Oceanic and Atmospheric Administration (seafood quality).

Department of Health and Human Services

- Food and Drug Administration (effects of food additives and contamination on health).

Department of the Interior

- Fish and Wildlife Service (effects of contaminated food on endangered and threatened species and other Federally protected fish and wildlife).

Environmental Protection Agency (contamination of the environment and food from pesticide use and other toxic materials).

(3) Pesticides

Department of Agriculture

- Agricultural Research Service (biological controls; pesticides in food and fiber production).
- Animal Plant Health and Inspection Service (pesticides in the control of animal and plant pests and exotic noxious weeds).
- Food Safety and Inspection Service (pesticide residues and consumer protection).
- Forest Service (pesticides in the control of animal and plant pests; pesticide use on National Forests and Grasslands).
- Soil Conservation Service (pesticides in conservation systems; watershed resource protection).

Department of Commerce

- National Oceanic and Atmospheric Administration (effects of pesticides on marine life, the coastal zone, and seafood quality; ocean pollution research and monitoring).

Department of Defense

- Armed Forces Pest Management Board (pesticide use on military lands, facilities and equipment; control of disease vectors).

Department of Health and Human Services

- Center for Disease Control (effects of pesticides on health).
- Food and Drug Administration (pesticide contamination of food).

Department of the Interior

- Fish and Wildlife Service (pesticide use on National Wildlife Refuge and National Fish Hatchery System lands; effects of pesticides on endangered species and their critical habitats, and other fish and wildlife resources).

- Geological Survey (effects of pesticides on water quality).
- Bureau of Indian Affairs (pesticide use on Indian lands).
- Bureau of Land Management (pesticide use on public lands).
- Bureau of Reclamation (pesticide use on irrigated lands and other project lands, facilities and rights-of-way).
- National Park Service (pesticide use in National Park System areas).

Department of Labor

- Occupational Safety and Health Administration (worker exposures during manufacture of pesticides):

—Hazardous and toxic materials and substances. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910, Subparts H and Z).

Department of Transportation

- Coast Guard (transportation of pesticides by vessel):

—Permits for transportation of hazardous substances by vessel. 46 U.S.C. 170, and 391a (33 CFR Parts 151, *et seq.*, and 160, *et seq.*; 46 CFR Chapter I).

- Federal Aviation Administration (transport and use of pesticides by aircraft).
- Federal Highway Administration: Bureau of Motor Carrier Safety (pesticide transport in interstate commerce):

—Hazardous materials tables and communications regulations. (49 CFR Part 172).

- Federal Railroad Administration (transport of pesticides by railroads).
- Research and Special Programs Administration: Materials Transportation Bureau (transport of pesticides):

—Transportation of hazardous materials. 49 U.S.C. 1801, *et seq.* (49 CFR Part 171, *et seq.*).

Environmental Protection Agency (pollution control and environmental effects of pesticides):

- Pesticide programs in general. 7 U.S.C. 136, *et seq.*; 21 U.S.C. 346a (40 CFR Part 162, *et seq.*).
- Certification of pesticide applicators. 7 U.S.C. 136b (40 CFR Part 171).
- Registration of pesticides. 7 U.S.C. 136a (40 CFR Part 162).
- Experimental pesticide use permits. 7 U.S.C. 136c (40 CFR Part 172).
- Establishment of pesticide tolerances. 21 U.S.C. 346a (40 CFR Part 180 and 21 CFR Part 193).
- Pesticide disposal and transportation. 7 U.S.C. 136q (40 CFR Part 165).
- Worker protection standards for agricultural pesticides. 7 U.S.C. 136 (40 CFR Part 170).
- Emergency exemptions for pesticides use. 7 U.S.C. 136p (40 CFR Part 166).

Tennessee Valley Authority (pesticide use on public lands and waters in Tennessee Valley region).

II. ENERGY

A. Electric Power (Development, Generation, Transmission, and Use)

Department of Agriculture

- Farmers Home Administration (small hydro, solar, and wind projects):
- Approval of plans and specifications for FMHA funded projects. 7 U.S.C. 1942 (7 CFR Parts 1924, 1942 and 1944).
- Forest Service (power development in National Forests and Grasslands):
- Permits, easements, and leases for power transmission, road, and hydro

- developments. 16 U.S.C. 522, *et seq.*; 43 U.S.C. 1761 (36 CFR Part 251.50, *et seq.*).
- Permits for commercial use of existing roads. 16 U.S.C. 537 (37 CFR Part 212).
- Consultations regarding power developments on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Rural Electrification Administration (power development in and for rural areas):
- Electrical generation and transmission projects. 7 U.S.C. 901 *et seq.* (7 CFR Part 1700, *et seq.*)

Department of Commerce

- National Oceanic and Atmospheric Administration (coastal energy facility planning and siting):
- Approval of licenses for siting, design, and operation of ocean-thermal energy facilities. 42 U.S.C. 9101, *et seq.* (15 CFR Part 981).

Department of Defense

- Army Corps of Engineers (hydroelectric projects; effects of power development on navigable waters):
- For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Economic Regulatory Administration (regulation of power plants and other major fuel-burning installations):
- Exemptions from prohibitions against the burning of natural gas and petroleum in power plants and major fuel burning installations. 42 U.S.C. 7101 and 8301 (10 CFR Part 500, *et seq.*).
- Transmission of electric energy to a foreign country. 16 U.S.C. 824a(e); E.O. 10485 and E.O. 12038 (18 CFR Parts 32.30–32.38 and 10 CFR Parts 205.300–205.309).
- Office of Policy, Safety, and Environment (general energy policies, programs and projects):
- Alaska Power Administration (hydroelectric generation and transmission systems in Alaska).
- Bonneville Power Administration (electric transmission systems in the Pacific northwest).
- Southeastern Power Administration (electric transmission systems in the southeastern States).
- Southwestern Power Administration (electric transmission systems in the southwestern States).
- Western Area Power Administration (electric transmission systems in the western States).

Department of Housing and Urban Development

- Office of Community Planning and Development (energy policy; demonstration programs; research; assistance for community and economic development; assistance for energy efficiency):
- Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).
- Office of Housing (energy factors in rehabilitation and retrofitting).

- Office of Policy Development and Research (building energy technology; urban energy studies).
- Office of Solar Energy and Conservation (new technologies and research).

Department of the Interior

- Fish and Wildlife Service (effects of power development, including transmission line and tower construction, on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources):
- Easements/permits for transmission line rights-of-way across National Wildlife Refuge and National Fish Hatchery System land. For refuges—16 U.S.C. 668dd; for hatcheries—43 U.S.C. 931 c and d (50 CFR Part 29.21).
- Permits for rights-of-way on National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k)–3 and 742(f) (50 CFR Part 96).
- For additional jurisdictional responsibilities, see PART IV. C—Water Resources Development.
- Geological Survey (geologic and hydrologic siting constraints for power developments; National Water Summary).
- Bureau of Indian Affairs (power development on Indian lands):
- Approval of leases and permits for Indian lands. 25 U.S.C. 380, 393–395, 397, 402–403, 413, 415, 477 and 635 (25 CFR Part 162).
- Rights-of-way over Indian lands. 25 U.S.C. 311–321 and 323–328 (25 CFR Part 169).
- Specific power systems. (25 CFR Parts 175–177).
- Bureau of Land Management (power development on public lands):
- Easements/permits for rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800–2887).
- Exchange of Federal lands to facilitate energy development. 43 U.S.C. 1716 (43 CFR Parts 2200–2270).
- National Park Service (effects of power development on National Park System lands; on historic archeologic and architectural sites; and on recreational values):
- Easements for rights-of-way across National Park system land. 16 U.S.C. 5 (36 CFR Parts 7 and 14).
- Consultations about extent to which proposed recreational developments at hydroelectric projects conform to and are in accord with the Statewide Comprehensive Outdoor Recreation Plans. 16 U.S.C. 460.
- Consultations regarding power developments on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Bureau of Reclamation (hydroelectric power development in the 17 contiguous western states, impact of power development on State water laws; analysis of cost sharing).
- Easements/permits for powerline rights-of-way. 43 U.S.C. 3871.

Department of Labor

- Occupational Safety and Health Administration (workers safety and health issues):
- Construction, transmission and distribution facilities. 29 U.S.C. 655, *et seq.* (29 CFR Part 1926, Subpart V).

Department of Transportation

- Federal Highway Administration (highways and electric utility facilities):
- Relocation and accommodation of utility facilities on highway rights-of-way. 23 U.S.C. 109(1), 116 and 123 (23 CFR Part 645).

Advisory Council on Historic Preservation (effects of power developments on historic properties).

Environmental Protection Agency (pollution control and environmental effects of power development):

- For jurisdictional responsibilities see PART I.A.—Air Quality, PART I.B.—Water Quality, and PART I.C.—Waste Disposal on Land.

Federal Emergency Management Agency (review and approval of state and local nuclear incident emergency response plans).

Federal Energy Regulatory Commission (hydroelectric power projects; electric transmission; electric supply; facility siting):

- Regulation of interconnection of electric transmission facilities and regulation of enlargement of electric transmission facilities. 16 U.S.C. 824–825K (18 CFR Part 32).
- Regulation of the development of water power including the licensing of non-Federal hydroelectric power projects. 16 U.S.C. 791–825r (18 CFR Parts 4–25, 36, 131 and 141).
- Application for order directing the establishment of physical connection facilities. 16 U.S.C. 834(b).
- Withdrawal of Federal lands for power and powersite development purposes. 16 U.S.C. 818 (43 CFR Part 2344, *et seq.*).

International Boundary and Water Commission, United States Section (hydroelectric power installations on the Rio Grande).

Nuclear Regulatory Commission (nuclear power development in general):

- Licensing of production and utilization facilities. 42 U.S.C. 2073, *et seq.*, and 5841, *et seq.* (10 CFR Parts 50 and 51).
- Nuclear power reactor operators' licenses. 42 U.S.C. 2137, *et seq.*, and 5841, *et seq.* (10 CFR Part 55).
- Reactor site criteria. 42 U.S.C. 2133, *et seq.*, and 5841, *et seq.* (10 CFR Part 100).
- For other jurisdictional responsibilities, see PART I.E.—Radiation.

Tennessee Valley Authority (power development in the Tennessee Valley Region).

B. Oil and Gas (Development, Extraction, Refining, Transport and Use)

Department of Agriculture

- Forest Service (effects of oil and gas development on National Forests and Grasslands):

- Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471-472, 478, 495, 497-498, 528, 531-538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).

Department of Commerce

- National Oceanic and Atmospheric Administration (effects of oil and gas development and coastal and marine resources, management, and protection).

Department of Defense

- Army Corps of Engineers (effects of oil and gas development on navigable waters):
- For jurisdictional responsibilities, see PART I.B.—Water Quality.

Department of Energy

- Economic Regulatory Administration (regulation of power plants and other major fuel-burning installations):
- Exemptions from prohibitions against the burning of petroleum in power plants and major fuel-burning installations. 42 U.S.C. 7101 and 8301 (10 CFR Part 500, *et seq.*).
- Office of Policy, Safety, and Environment (general energy policies, programs, and projects).

Department of Housing and Urban Development

- Office of Community Planning and Development (health and safety standards; distance factors for pipeline, storage, and production facilities including sour gas wells; assistance for community and economic development; assistance to conserve petroleum and natural gas energy efficiency):
- Assurances that HUD assisted projects are located in a safe and healthful environment. 42 U.S.C. 1441, *et seq.*
- Siting of HUD assisted projects near hazardous operations handling petroleum products or chemicals of an explosive or flammable nature. (24 CFR Part 51, Subpart C).
- Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).
- Office of Housing (siting standards and effects on housing values and marketability).

Department of the Interior

- Fish and Wildlife Service (effects of oil and gas development on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources):
- Permits for oil and gas pipeline rights-of-way across National Wildlife Refuge and National Fish Hatchery Systems lands. For refuges—16 U.S.C. 668dd; for hatcheries—43 U.S.C. 931c and d (50 CFR Part 29.21).
- Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k)-3 and 742(f) (50 CFR Part 96).
- Geological Survey (oil and gas resources in general).
- Bureau of Indian Affairs (oil and gas development on Indian lands):
- Leases and permits on Indian lands. 25 U.S.C. 380, 393-395, 397, 402-403, 413, 415, 477 and 635 (25 CFR Part 162).
- Rights-of-way over Indian lands. 25 U.S.C. 311-321 and 323-328 (25 CFR Part 169).

- Mining leases (including oil and gas) on Indian lands. 25 U.S.C. 376, 396, 476-477 and 509 (25 CFR Parts 211-215 and 226-227).

- Bureau of Land Management (oil and gas development on public lands):

- Leases for oil and gas deposits:

- (a) Public domain lands. 30 U.S.C. 181, *et seq.*; 43 CFR Parts 3100, *et seq.*, and 3160.
- (b) Acquired lands. 30 U.S.C. 351-359 (43 CFR Parts 3100, *et seq.*, and 3160).
- (c) In and under railroad and other rights-of-way acquired under laws of the United States. 30 U.S.C. 301-306 (43 CFR Part 3100).
- (d) Indian lands. 25 U.S.C. 396a, *et seq.* (25 CFR Parts 211, 213, 226 and 227).

- Leases and land exchanges for oil shale, native asphalt, solid and semisolid bitumen and bituminous rock. For leases—30 U.S.C. 241 (43 CFR Part 3500); for exchanges—43 U.S.C. 1716 (43 CFR Parts 2200-2270).

- Easements/permits for oil and gas pipeline rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800-2887).

- Easements/leases/permits for use, occupancy and development of public lands. 43 U.S.C. 1732 (43 CFR Subchapters 2000 and 3000).

- Disposal of government royalty oil (non-OCS oil). 30 U.S.C. 189, 192 and 359 (30 CFR Part 208).

- Exchange of non-OCS Federal lands with oil and gas deposits. 43 U.S.C. 1716 (43 CFR Parts 2200-2207).

- Minerals Management Service (oil and gas development on the outer continental shelf):

- Leases for minerals on the outer continental shelf. 43 U.S.C. 1331-1343 (30 CFR Parts 250, 251, 252 and 256).

- Permits/easements for rights-of-way for "common carrier" oil gas pipelines on the outer continental shelf. 43 U.S.C. 1331 (30 CFR Part 256, Subpart N).

- Permits for exploration and development activities on Federal leases on the outer continental shelf. 43 U.S.C. 1331, *et seq.* (30 CFR Parts 250 and 251).

- Easements/rights-of-way for gathering pipelines, artificial islands, platforms, and other fixed structures on any Federal or State outer continental shelf oil and gas lease. 43 U.S.C. 1334-1335 (30 CFR Parts 250.18-250.19).

- Applications for purchase of government royalty oil from the outer continental shelf. 43 U.S.C. 1334 (30 CFR Part 225a).

- Permits for geological and geophysical exploration on the outer continental shelf. 43 U.S.C. 1334 and 1340 (30 CFR Part 251).

- Drilling permits. 43 U.S.C. 1351.

- Bureau of Mines (environmental, health, and safety aspects of mining oil, tar sands, and oil shale; coalbed methane control and recovery; helium conservation).

- National Park Service (effects of oil and gas development on National Park System areas on historic, archeological, and architectural sites, and on recreational values):

- Permits for oil and gas operations on National Park system areas. 16 U.S.C. 1 (36 CFR Part 9).

- Determination of significance of effects for combined hydrocarbon lease conversions

- in Glen Canyon NRA. (43 CFR Parts 3140.7 and 3141.2).

- Bureau of Reclamation (effects of oil and gas development on water storage and delivery systems):

- Easements/permits for pipeline rights-of-way. 43 U.S.C. 3871.

Department of Labor

- Occupational Safety and Health Administration (general worker safety and health issues):

- Oil and gas well drilling. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910.270).

- Department of State (international aspects of oil and gas development):

- Facilities for export/import of petroleum and petroleum products. E.O. 11423.

Department of Transportation

- Coast Guard (oil and gas transport by vessel):

- Tank vessel regulation. 46 U.S.C. 391(a) (33 CFR Part 157).

- Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).

- Construction and alteration of bridges for pipelines over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).

- Outer continental shelf structures. 43 U.S.C. 1331 (33 CFR Part 140, *et seq.*).

- Maritime Administration (effects of oil and gas development on port, coastal and ocean pollution):

- Merchant vessels, including liquefied natural gas vessels. 42 U.S.C. 1101, *et seq.* (46 CFR Part 250, *et seq.*).

- Port operations, including loading/unloading of liquefied natural gas vessels. 42 U.S.C. 867 (46 CFR Part 346, *et seq.*).

- Federal Highway Administration (pipelines and highway rights-of-way):

- Relocation and accommodation of pipelines on highway rights-of-way. 23 U.S.C. 109(1), 116 and 123 (23 CFR Part 645).

- Federal Railroad Administration (railroad transport of oil and gas).

- Research and Special Programs Administration: Materials Transportation Bureau (pipeline safety; oil and gas shipments; natural gas marine terminals):

- Pipeline safety. 49 U.S.C. 1671, *et seq.*, and 2001, *et seq.* (49 CFR Part 190, *et seq.*).

- Advisory Council on Historic Preservation (effects of oil and gas development on historic properties):

- Environmental Protection Agency (pollution control and environmental effects of oil and gas development):

- For jurisdictional responsibilities, see PART I.A.—Air Quality, PART I.B.—Water Quality, and PART I.C.—Waste Disposal on Land.

- Federal Energy Regulatory Commission (charges/rates for transportation of oil and gas by pipeline; transportation, storage, and sale of natural gas):

- Certificates for natural gas facilities (underground storage fields, LNG facilities, and transmission pipeline facilities); sale, exchange and transportation of gas;

abandonment of facilities and curtailment of natural gas service; authorization to import and export natural gas. 15 U.S.C. 717-717(w); E.O. 10485 and E.O. 12038 (18 CFR Part 152, *et seq.*).

—Authorization compelling the expansion, improvement or connection of natural gas facilities. 15 U.S.C. 717(a) (18 CFR Part 156).

Interstate Commerce Commission (regulation of petroleum and natural gas carriers).

C. Coal (Development, Mining, Conversion, Processing, Transport and Use)

Department of Agriculture

- Forest Service (effects of coal development on National Forests and Grasslands):

—Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471-472, 478, 495, 497-498, 525, 528, 531-538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).

—Coal leasing. 30 U.S.C. 201-352.

—Surface coal mining operations. 30 U.S.C. 1272.

- Rural Electrification Administration (coal development in relation to rural electrification):

—Financial assistance for purchase of coal mines and mining facilities. 7 U.S.C. 901, *et seq.* (7 CFR Part 1700, *et seq.*).

- Soil Conservation Service (abandoned rural mined land, mine reclamation, and transportation):

—Reclamation of rural abandoned mined land. 30 U.S.C. 1201, *et seq.* (7 CFR Part 632).

Department of Commerce

- National Oceanic and Atmospheric Administration (atmospheric dispersion of effluents; acid rain; management and protection of coastal and marine resources; air and water pollution from mining; offshore and coastal mining; port planning).

Department of Defense

- Army Corps of Engineers (effects of coal development on navigable waters):

—For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Economic Regulatory Administration (regulation of powerplants and other major fuel-burning installations):

—Exemption from prohibitions against burning of natural gas and oil in powerplants and major fuel-burning installations. 42 U.S.C. 7101 and 8301 (10 CFR Part 500, *et seq.*).

- Office of Policy, Safety, and Environment (general energy policies, programs, and projects).

- Office of Fossil Energy (coal research, coal liquefaction projects, and emerging coal technologies).

Department of Housing and Urban Development

- Office of Community Planning and Development (assistance for community impacts due to rapid development):

—Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).

- Office of Housing (subsidence from mining operations and soil factors related to housing).

Department of the Interior

- Fish and Wildlife Service (effects of coal development on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources):

—Permits for use of National Wildlife Refuge and National Fish Hatchery System lands. For refuges—16 U.S.C. 668 dd and ee; for hatcheries—43 U.S.C. 931 c and d (50 CFR Parts 25.41 and 29.21).

—Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k-3) and 742(f) (50 CFR Part 96).

- Geological Survey (coal resources in general; hydrologic effects of coal mining and reclamation).

- Bureau of Indian Affairs (coal development on Indian lands):

—Leases and permits on Indian lands. 25 U.S.C. 380, 393-395, 397, 402-403, 413, 415, 477 and 635 (25 CFR Part 162).

—Rights-of-way over Indian lands. 25 U.S.C. 311-321 and 328 (25 CFR Part 169).

—Mining leases on Indian lands. U.S.C. 356, 396, 476-477 and 509 (25 CFR Parts 211-215 and 226-227).

—Surface exploration and reclamation. 25 U.S.C. 355, 396, 473 and 501-502 (25 CFR Part 216).

- Bureau of Land Management (coal development on public lands):

—Exploration licenses for coal deposits on unleased lands. 30 U.S.C. 181 and 201(b) (43 CFR Part 3400).

—Leases/permits for recovery of coal deposits. 30 U.S.C. 181, *et seq.*, 201b and 202a; 43 U.S.C. 1701, *et seq.* (43 CFR Parts 3400 and 3480).

—Easements/lease/permits for use, occupancy and development of public lands. 43 U.S.C. 1732 (43 CFR Subchapters 2000 and 3000).

—Permits to mine coal for domestic needs. 30 U.S.C. 208 (43 CFR Part 3440).

—Easements/permits for rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800-2887).

—Exchange of Federal lands with coal or uranium deposits. 43 U.S.C. 1716 (43 CFR Parts 2200-2270).

- Bureau of Mines (mining technology, health and safety, subsidence prediction and control, and land reclamation).

- National Park Service (effects of coal development on National Park System areas and on historic and recreational values):

—Leases, permits and licenses for mining on National Park System lands involved in Wild and Scenic River Systems. 16 U.S.C. 1280.

—Access permits for mining activity within the National Park System. 16 U.S.C. 1902 and 1908 (36 CFR Part 9).

—Easements for rights-of-way across National Park System land. 16 U.S.C. 1, *et seq.* (36 CFR Part 9, *et seq.*).

- Bureau of Reclamation (effects of coal development on water storage and delivery projects):

—Easement/permits for access rights-of-way. 43 U.S.C. 3871.

- Office of Surface Mining Reclamation and Enforcement (surface coal mining and reclamation; general effects of surface coal mining operations):

—Identification of certain lands considered unsuitable for surface coal mining operations. 30 U.S.C. 1272 (30 CFR Chapter 7, Subchapter F).

—Permits for coal exploration operations on Federal lands within an approved mining permit area, and, if there is no approved State Coal Mining Regulatory Program, on non-Federal and non-Indian lands. 30 U.S.C. 1262 (30 CFR Chapter VII and 43 CFR Part 3400).

—Permits for surface coal mining and reclamation operations (includes underground mines with surface effects) on Federal lands except the States may do this when there is both an approved State Coal Mining Regulatory Program and a Cooperative Agreement between the State and the Secretary of the Interior. 30 U.S.C. 1256, 1267, 1266, 1271 and 1273 (30 CFR Chapter VII).

—Permits for surface coal mining and reclamation operations (includes underground mines with surface effects) on non-Federal lands in those States where there is no approved State Coal Mining Regulatory Program. 30 U.S.C. 1256-1262 (30 CFR Chapter VII).

—Permits for surface coal mining and reclamation operations (includes underground mines with surface effects) on Indian lands. 30 U.S.C. 1300 (30 CFR Chapter VII and 25 CFR Part 216).

—Grants for reclamation of abandoned mined lands. 30 U.S.C. 1231-1235 and 1237-1243 (30 CFR Chapter VII).

Department of Labor

- Mining Safety and Health Administration (safety and health issues in mining operations).

- Occupational Safety and Health Administration (worker safety and health issues):

—Coal tar pitch volatiles. 29 U.S.C. 655, *et seq.* (29 CFR Part 1910.1002).

Department of State (international aspects of coal development):

—Facilities for export/import of coal. E.O. 11423.

Department of Transportation

- Coast Guard (vessel transport of coal):

—Construction and alterations of bridges and causeways over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).

—Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).

- Federal Highway Administration (coal haul roads; effects of railroad coal transport on roads and streets).

- Federal Railroad Administration (railroad transport of coal).

- Maritime Administration (bulk shipping of coal and other minerals in the inland waterways, domestic oceans, Great Lakes, and U.S. foreign trade).

Advisory Council on Historic Preservation (effects of coal development on historic properties).

Environmental Protection Agency (pollution control and environmental effects of coal development):

- For jurisdictional responsibilities see PART I. A.—Air Quality, PART I. B.—Water Quality, and PART I. C.—Waste Disposal on Land.

Interstate Commerce Commission (regulation of coal rail-carriers and rates; impacts from railroad construction for moving coal, including downline impacts).

Tennessee Valley Authority (coal development in the Tennessee Valley region).

D. Uranium (Exploration, Mining, Transport and Use)

Department of Agriculture

- Forest Service (uranium in National Forests and Grasslands):
- Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471–472, 478, 495, 497–498, 525, 528, 531–538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).
- Surface use of public domain lands under U.S. mining laws. 16 U.S.C. 478 and 551 (36 CFR Part 228).
- Mineral development on acquired lands. For solid (hardrock) minerals—16 U.S.C. 520 (43 CFR Part 3500); for phosphate, sodium, potassium and sulphur—30 U.S.C. 351, *et seq.*
- Soil Conservation Service (abandoned mine land, mine reclamation, and transportation).

Department of Commerce

- National Oceanic and Atmospheric Administration (air and water pollution from mining; offshore and coastal mining; port planning; management and protection of coastal and marine resources):
- Approval of licenses for deep seabed hard mineral exploration and development. 30 U.S.C. 1401, *et seq.* (15 CFR Part 970).

Department of Defense

- Army Corps of Engineers (effects of uranium mining on navigable waters):
- For jurisdictional responsibilities, see PART I.B.—Water Quality.

Department of Energy

- Office of Policy, Safety, and Environment (general energy policies, programs and projects).
- Office of Civilian Radioactive Waste Management (management of commercial radioactive wastes).
- Office of Defense Programs (management of Defense radioactive wastes).
- Office of Nuclear Energy (nuclear energy in general).

Department of Housing and Urban Development

- Office of Housing (subsidence from mining operations and soil factors related to housing).

Department of the Interior

- Fish and Wildlife Service (effects of uranium mining on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources):
- Easements/permits on National Wildlife Refuge and National Fish Hatchery System land. 16 U.S.C. 668 dd, *et seq.*; 43 U.S.C. 931 c and d (50 CFR Parts 25.41 and 29.21).
- Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k–3) and 742(f) (50 CFR Part 96).
- Geological Survey (uranium resources in general).
- Bureau of Indian Affairs (uranium on Indian lands):
- Leases and permits on Indian lands. 25 U.S.C. 380, 393–395, 397, 402–403, 413, 415, 477 and 635 (25 CFR Part 162).
- Rights-of-way over Indian lands. 25 U.S.C. 311–321 and 323–328 (25 CFR Part 169).
- Mining leases on Indian lands. 25 U.S.C. 356, 396, 476–477 and 509 (25 CFR Parts 211–215 and 226–227).
- Surface exploration and reclamation. 25 U.S.C. 355, 396, 473 and 501–502 (25 CFR Part 216).
- Bureau of Land Management (uranium on public lands):
- Exchange of Federal lands with coal or uranium deposits. 43 U.S.C. 1716 (43 CFR Parts 2200–2270).
- Leases for uranium exploration and mining. 30 U.S.C. 181, 351–359 and 1201, *et seq.* (43 CFR Parts 3500–3800).
- Approval of plan of operations in connection with uranium leases. 30 U.S.C. 22, *et seq.*; 30 U.S.C. 181, *et seq.*; and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 3570 and 3802).
- Easements/leases/permits for use, occupancy and development of public lands. 43 U.S.C. 1732 (43 CFR Subchapter 2000 and 3000).
- Exploration licenses to explore for uranium and other leasable minerals on unleased lands. 30 U.S.C. 181, *et seq.*, and 201(b) (43 CFR Parts 3400 and 3480).
- Leases, permits and licenses for mining in Wild and Scenic River System areas. 16 U.S.C. 1280 (each area has special Federal Regulations).
- Concurrence for mining use of public lands withdrawn or reserved for power development or for a power site. 30 U.S.C. 621 (43 CFR Part 3730).
- Easements/permits for rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800–2900).
- Bureau of Mines (uranium mining in general).
- National Park Service (effects of uranium mining on public park and recreation values; on historic, archeological and architectural sites; and on National Park System areas):
- Permits, leases, and easements for rights-of-way. 16 U.S.C. 1, *et seq.* (36 CFR Part 9, *et seq.*).
- Leases, permits and license for mining on National Park System lands involved in Wild and Scenic River Systems. 16 U.S.C. 1280.

- Access permits for mining activity within the National Park System. 16 U.S.C. 1902 and 1908; 30 U.S.C. 21, *et seq.* (36 CFR Part 9).

- Bureau of Reclamation (effects of uranium mining on water storage and delivery projects):

- Easements/permits for access, pipeline, and other rights-of-way. 43 U.S.C. 3871.

Department of Labor

- Mining Safety and Health Administration (safety and health issues in mining operations).

- Occupational Safety and Health Administration (general worker safety and health issues):

- General industrial, and construction standards. 29 U.S.C. 655, *et seq.* (29 CFR Parts 1910 and 1926).

Department of State (international aspects of uranium mining):

- Facilities for export/import of minerals. E.O. 11423.

Department of Transportation

- Coast Guard (vessel transport of minerals):

- Construction and alterations of bridges and causeways over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).

- Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).

Advisory Council on Historic Preservation (effects of uranium mining on historic properties).

Environmental Protection Agency (pollution control and environmental effects of uranium mining):

- For jurisdictional responsibilities, see Part I.A.—Air Quality, PART I. B.—Water Quality, PART I. C.—Waste Disposal on Land, and PART I. E.—Radiation.

Nuclear Regulatory Commission (nuclear power development in general):

- Licensing uranium milling operations. 42 U.S.C. 2091 *et seq.* (10 CFR Part 40).

Tennessee Valley Authority (uranium mining and milling).

E. Geothermal Resources (Development, Transmission, and Use)

Department of Agriculture

- Forest Service (effects of geothermal resource development on National Forests and Grasslands):

- Leases for geothermal resource developments. 30 U.S.C. 1014.

- Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471–472, 478, 495, 497–498, 525, 538, 531–538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).

Department of Commerce

- National Oceanic and Atmospheric Administration (air and water pollution from geothermal development).

Department of Defense

- Army Corps of Engineers (effects of geothermal development on navigable waters):

—For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Office of Policy, Safety, and Environment (general energy policies, programs and projects).

- Office of Conservation and Renewable Energy (research and development on geothermal energy sources).

Department of the Interior

- Fish and Wildlife Service (effects of geothermal development on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources);

- Easements/permits on National Wildlife Refuge and National Fish Hatchery System land. For refuges—16 U.S.C. 668 dd, *et seq.*, for hatcheries—43 U.S.C. 931 c and d (50 CFR Parts 25.41 and 29.21).

- Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k-3) and 742(f) (50 CFR Part 96).

- Geological Survey (geothermal resources in general).

- Bureau of Indian Affairs (geothermal development on Indian lands);

- Leases and permits on Indian lands. 25 U.S.C. 380, 393-395, 397, 402-403, 413, 415, 477 and 635 (25 CFR Part 162).

- Rights-of-way over Indian lands. 25 U.S.C. 311-321 and 323-328 (25 CFR Part 169).

- Bureau of Land Management (geothermal development on public lands);

- Permits for geothermal resources exploration. 30 U.S.C. 1023 (43 CFR Part 3260).

- Leases for geothermal resources recovery. 30 U.S.C. 1001-1025 (43 CFR Parts 3200-3250, 3260 and 3280).

- Licenses for geothermal powerplants. 30 U.S.C. 1001-1025 (43 CFR Part 3250).

- Easements/leases/permits for use, occupancy and development of public lands. 43 U.S.C. 1732 (43 CFR Subchapter 2000 and 3000).

- Easements/permits for rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800-2900).

- Bureau of Mines (recovery of mineral values in geothermal operations; materials for construction of geothermal facilities).

- National Park Service (effects of geothermal development on public park and recreation values, on historic, archeological and architectural sites, and on National Park System areas).

- Bureau of Reclamation (alternative energy studies; coordination of geothermal operations with hydroelectric generation);

- Easements/permits for access, pipeline, and other rights-of-way. 43 U.S.C. 3871.

Department of Labor

- Occupational Safety and Health Administration (worker safety and health issues);

- General industrial and construction standards. 29 U.S.C. 655, *et seq.* (29 CFR Parts 1910 and 1926).

Advisory Council on Historic Preservation (effects of geothermal development on historic properties).

Environmental Protection Agency (pollution control and environmental effects of geothermal development);

—For jurisdictional responsibilities, see PART I. A.—Air Quality, PART I. B.—Water Quality, and PART I. C.—Waste Disposal on Land.

F. Other Energy Sources—Solar, Wind, Biomass, etc. (Development and Use)

Department of Agriculture

- Agricultural Research Service (utilization of biomass, wastes, solar, and wind energy sources in agricultural production).

- Farmers Home Administration (small hydro, solar, and wind projects);

- Approval of plans and specifications for FMHA-funded projects. 7 U.S.C. 1942 (7 CFR Parts 1924, 1942 and 1944).

- Forest Service (uses and rights-of-way on National Forests and Grasslands);

- Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471-472, 478, 495, 497-498, 525, 528, 531-538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).

- Office of Energy (general energy policies related to agriculture);

- Solar and wind energy facility siting. 16 U.S.C. 470 (36 CFR Part 200).

Department of Commerce

- National Oceanic and Atmospheric Administration (coastal energy facility planning and siting; basic weather data and research);

- Approval of licenses for siting, design, and operation of ocean-thermal energy facilities. 42 U.S.C. 9101, *et seq.* (15 CFR Part 981).

Department of Energy

- Office of Policy, Safety, and Environment (general energy policies, programs and projects).

- Office of Conservation and Renewable Energy (research and development programs on alternative energy sources).

Department of Housing and Urban Development

- Office of Community Planning and Development (alternative energy policy, including district heating and cogeneration; demonstration programs; research; technical assistance and feasibility studies; building rehabilitation and retrofit; assistance for community and economic development);

- Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).

- Urban Development Action Grant Handbook. HUD 6050.1 of Oct. 1982.

- Solar Energy and Energy Conservation Bank (assistance for energy conservation improvements to residential, commercial, and agricultural buildings, including solar energy systems);

- Energy Security Act of 1980. 12 U.S.C. 3601, *et seq.* (24 CFR Part 1800, *et seq.*).

Department of the Interior

- Fish and Wildlife Service (effects of alternative energy development on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources).

- Geological Survey (geology and hydrologic siting constraints for alternative energy development).

- Bureau of Indian Affairs (alternative energy development on Indian lands).

- Bureau of Land Management (alternative energy development on public lands);

- Licenses for synthetic liquid fuel facilities. 30 U.S.C. 323.

- Solar energy facility siting. 43 U.S.C. 1761.

- National Park Service (effects of alternative energy development on park and recreation values on historic, archeological and architectural sites, and on National Park System areas).

- Bureau of Reclamation (alternative energy studies; coordination of operations with hydroelectric generation).

Department of Labor

- Occupational Health and Safety Administration (worker safety and health issues);

- General industrial and construction standards. 29 U.S.C. 655, *et seq.* (29 CFR Parts 1910 and 1926).

Advisory Council on Historic Preservation (effects of alternative energy development on historic properties).

Environmental Protection Agency (pollution control and environmental effects of alternative energy development);

—For jurisdictional responsibilities, see PART I.—POLLUTION CONTROL.

G. Energy Conservation

Department of Agriculture

- Extension Service (rural family energy conservation).

- Farmers Home Administration (energy conservation in relation to agency funded projects).

- Forest Service (energy conservation in National Forests and Grasslands).

- Office of Energy (general agricultural energy policies).

- Rural Electrification Administration (energy conservation in relation to power development in rural areas).

Department of Commerce

- National Bureau of Standards (energy efficiency objectives and standards).

- National Oceanic and Atmospheric Administration (heating fuel usage forecasting; weather forecasting in relation to energy conservation).

Department of Energy

- Office of Policy, Safety, and Environment (general energy policies, programs and projects).

- Office of Conservation and Renewable Energy (energy efficiency of transportation, building, and industrial systems; assistance programs for energy planning and conservation);

- Energy conservation standards for new buildings. 42 U.S.C. 6834 (10 CFR Part 450, *et seq.*).
- Bonneville Power Administration (energy conservation studies in the Pacific Northwest):
- Regional planning and conservation. 16 U.S.C. 839, *et seq.*

Department of Housing and Urban Development

- Office of Community Planning and Development (energy conservation policy; demonstration and research programs; technical assistance; assistance for community and neighborhood development, economic development, public facilities, residential and commercial rehabilitation and retrofit for energy efficiency; comprehensive energy use strategies):
- Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).
- Urban Development Action Grant Handbook. HUD 6050.1 of Oct. 1982.
- Housing Act of 1937. 42 U.S.C. 1401, *et seq.*
- Solar Energy and Energy Conservation Bank (assistance for energy conservation improvements to residential, commercial, and agricultural buildings, including solar energy systems):
- Energy Security Act of 1980. 12 U.S.C. 3601, *et seq.* (24 CFR Part 1800, *et seq.*).
- Office of Manufactured Housing and Construction Standards (building materials; new materials standards and performance criteria).
- Office of Policy Development and Research (building energy technology).
- Office of Public Housing (energy factors in rehabilitation and retrofitting; urban energy studies).

Department of the Interior

- Fish and Wildlife Service (energy conservation in National Wildlife Refuge and National Fish Hatchery System areas, and effects of energy conservation projects on endangered species and critical habitats).
- Bureau of Indian Affairs (energy conservation on Indian lands).
- Bureau of Land Management (energy conservation on public lands).
- National Park Service (energy conservation in National Park System areas; effects of energy conservation on historic, archeological, and architectural sites, and on park and recreation values).
- Bureau of Reclamation (energy conservation in relation to hydroelectric power development, and water storage and delivery systems).

Department of Transportation

- Federal Aviation Administration (aviation energy conservation and energy-use assessments).
- Federal Highway Administration (energy conservation in relation to highway systems).
- National Highway Traffic Safety Administration (fuel economy standards for motor vehicles):
- Fuel economy standards. 15 U.S.C. 2001, *et seq.* (49 CFR Parts 525–527, 531, 533 and 537).

- Research and Special Programs Administration: Transportation Systems Center (energy conservation and transportation systems in general).
- Urban Mass Transportation Administration (energy conservation in relation to urban transportation systems).
- Advisory Council on Historic Preservation (effects of energy conservation on historic properties).
- Interstate Commerce Commission (assessment of differences in energy efficiencies between transport modes).
- Tennessee Valley Authority (energy conservation in general).

III. LAND USE

A. Land Use Planning, Regulation, and Development

Department of Agriculture

- Agricultural Research Service (effects of agricultural practices on resource quality and off-farm pollution).
- Agricultural Stabilization and Conservation Service (Federally subsidized agricultural conservation and land use programs).
- Economic, Research Service and Statistical Reporting Service (data on natural resources; analysis of the economic impacts of agriculturally related pollution and resource degradation; interactions of environmental programs with other Federal farm policy objectives).
- Extension Service (rural and community development).
- Farmers Home Administration (farmland protection; rural and community development):
- Farmland Protection Policy Act. Secretary's Memorandum 9500–2, *Statement on Land Use Policy* (7 CFR Part 1940).
- Forest Service (effects of adjacent land uses on National Forests and Grasslands):
- Coordination with other public planning efforts. (36 CFR Part 219.7).
- Soil Conservation Service (land use data; soil and water resource condition data and related natural resources data; resource management technology and technical planning assistance for watershed protection):
- Soil, water, and related resource data. 7 U.S.C. 1010a.
- Program for land conservation and utilization. 7 U.S.C. 1011(e).

Department of Commerce

- National Oceanic and Atmospheric Administration (management and protection of coastal and marine resources).

Department of Defense

- Army Corps of Engineers (land use in flood plains and wetlands):
- For jurisdictional responsibilities see PART I.B.—Water Quality.
- Department of the Air Force (land use around military airfields).

Department of Energy

- Office of Policy, Safety, and Environment (effects of energy policies, programs, and projects on adjacent land uses).

Department of Housing and Urban Development

- Office of Community Planning and Development (land use planning; environmental criteria and compatible uses near hazards; noise abatement and mitigation measures):
- Assurances that HUD assisted projects are located in a safe and healthful environment. 42 U.S.C. 1441, *et seq.*
- Siting of HUD assisted projects near hazardous operations handling explosive or flammable materials. (24 CFR Part 51, Subpart C).
- Siting of HUD assisted projects in runway clear zones (civil airports) and clear zone and accident potential zones (military airfields). (24 CFR Part 51, Subpart D).
- Office of Interstate Land Sales (subdivided land sales):
- Subdivided land sales, registration, and disclosure statements. 15 U.S.C. 1701 (24 CFR Part 1700, *et seq.*).

Department of the Interior

- Fish and Wildlife Service (effects of land use on endangered species and their critical habitats, other fish and wildlife resources, and components of the National Wildlife Refuge and National Fish Hatchery Systems):
- Approval of conversion of use for State lands acquired, developed or improved with grants under the: (1) Pittman-Robertson Act, (2) Dingell-Johnson Act, (3) Endangered Species Act and/or (4) Anadromous Fish Conservation Act. For (1)—16 U.S.C. 669 (50 CFR Parts 80.4 and 80.14); for (2)—16 U.S.C. 777 (50 CFR Parts 80.4 and 80.14); for (3)—16 U.S.C. 1535; and for (4)—16 U.S.C. 757(a) and (b).
- Consultation regarding any Federal actions that may directly or indirectly affect a designated coastal barrier. 16 U.S.C. 3501 (for advisory guidelines, see 48 FR 45664 of Oct. 6, 1983).
- Consultation concerning the protection of fish and wildlife refuges, which may be impacted by transportation projects. 49 U.S.C. 303.
- For jurisdictional responsibilities of the Fish and Wildlife Service on Federal lands see PART III. B.—Federal Land Management.
- Geological Survey (land use planning; geologic and hydrologic hazards; flood studies; geologic, topographic, land use, and photographic mapping).
- Bureau of Indian Affairs (effects of land uses on Indian lands):
- Approval of leases and permits on Indian lands. 25 U.S.C. 380, 393–395, 397, 402–403, 413, 415, 477 and 635 (25 CFR Part 162).
- Sale of Indian land. 25 U.S.C. 293–294, 355, 372–73, 378–79, 385–386, 404–405, 463–464, 483 and 608 (25 CFR Parts 152 and 159–160).
- Rights-of-way over Indian lands. 25 U.S.C. 311–321 and 323–328 (25 CFR Part 169).
- Permits concessions and leases on lands withdrawn or acquired in connection with Indian irrigation projects. 25 U.S.C. 390 (25 CFR Part 173).
- For jurisdictional responsibilities on Federal lands administered by Bureau of

Indian Affairs, see PART III. B.—Federal Land Management.

• Bureau of Land Management (effects of land uses on public lands):

—For jurisdictional responsibilities on Federal lands administered by the Bureau of Land Management, see PART III. B.—Federal Land Management.

• Bureau of Mines (mineral resources and land use).

• National Park Service (effects of land uses on National Park System areas; National Trails System; Wild and Scenic River System; park and recreation areas and values; and historic, archeological and architectural sites):

—Approval of a conversion to a non-designated use for State and local lands acquired or developed, in whole or in part, with a Land and Water Conservation Fund Act grant. 16 U.S.C. 4601.

—Assistance to State and local agencies, through an Urban Park and Recreation Recovery Act grant, for the development and/or improvement of park and recreation areas. 16 U.S.C. 2504 (36 CFR Part 69).

—Approval of a conversion to other than public recreation uses for State and local areas developed or improved with an Urban Park and Recreation Recovery Act grant. 16 U.S.C. 2504 (36 CFR Part 69).

—Consultations regarding land uses and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*

—Permits for use of National Historic and National Scenic Trails administered by the National Park Service. 16 U.S.C. 1246.

—Approval of a conversion to a non-designated use for lands deeded by the Federal government to State and local entities as park demonstration areas, as recreation areas, as wildlife conservation preserves and refuges and as historic monuments and properties under: (1) Recreation Demonstration Act of 1942 and (2) Federal Property and Administrative Services Act of 1949. For (1)—16 U.S.C. 459 (r-t); for (2)—40 U.S.C. 484(k)(2) (41 CFR Part 101-47).

—Approval of a conversion to a non-designated use of abandoned railroad rights-of-way acquired by State and local governments under Section 809(b) of the Railroad Revitalization and Regulatory Reform Act of 1976. 49 U.S.C. 1(a) (36 CFR Part 64).

—Consultation concerning the protection of park, recreation, and cultural resources which may be impacted by transportation projects. 49 U.S.C. 303.

—For other jurisdictional responsibilities of the National Park Service, see PART III. B.—Federal Land Management.

• Bureau of Reclamation (effects of land use on Federal water storage and distribution projects; planning for water development projects; basin-wide water studies and land use aspects of the National Water Summary):

—Sale of farm units on Federal irrigation projects. (Statutory authority appears in individual project authorizations.)

—Administration of excess lands and residency requirements. 43 U.S.C. 371.

• Office of Surface Mining Reclamation and Enforcement (land use and surface coal mining and reclamation operations):

—For jurisdictional responsibilities of the Office of Surface Mining, see PART II. C.—Coal.

Department of Transportation

Office of the Secretary (general effects of transportation projects on land use):

—Approval of transportation programs or projects that require the use of or have significant impacts on park and recreation areas, fish and wildlife refuges, and historic sites. 49 U.S.C. 303.

• Coast Guard (effects of bridges on land use):

—Permits for bridges and causeways over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*; and 535 (33 CFR Part 114 *et seq.*).

• Federal Aviation Administration (airport land use compatibility):

—Airport aid program. 49 U.S.C. 1711-1727 (14 CFR Part 152).

—Acquisition of U.S. land for public airports. 49 U.S.C. 1723 (14 CFR Part 154).

—Notice of construction, alteration, activation, and deactivation of airports 49 U.S.C. 1350, 1354 and 1355 (14 CFR Part 157).

—Objects affecting navigable airspace. 49 U.S.C. 1655 (14 CFR Part 77).

—Release of airport property from surplus property disposal restrictions. 49 U.S.C. 1101-1119 (14 CFR Part 155).

• Federal Highway Administration (effects of highways on land use):

—Approval of highway projects and programs. 23 U.S.C. 101-156, generally, and 23 U.S.C. 201-219.

—Consultations, in cooperation with the Urban Mass Transportation Administration, with State and local officials concerning urban transportation related systems. 23 U.S.C. 105(d) and 134(a); 49 U.S.C. 1604(g) (23 CFR Part 450).

—Regulation of highway-related land use. For highway beautification—23 U.S.C. 131 (23 CFR Part 750); for junkyard control and acquisition—23 U.S.C. 136 (23 CFR Part 751); for landscape and roadside development—23 U.S.C. 131 and 319 (23 CFR Part 752); for protection of parklands, recreation areas, wildlife refuges, and historic sites—23 U.S.C. 138 (23 CFR Part 771).

• Urban Mass Transportation

Administration (effects of urban transportation systems on land use):

—Consultation, in cooperation with the Federal Highway Administration, with State and local officials concerning urban transportation related systems. 23 U.S.C. 105(d) and 134(a); 49 U.S.C. 1604(g) (49 CFR Part 613).

—Approval for substituting mass transit or other transit projects in lieu of an interstate highway project. 23 U.S.C. 103(e)(4).

Advisory Council on Historic Preservation (effects of land use planning on historic properties).

Environmental Protection Agency (effects of land use on pollution control and environmental quality):

—For jurisdictional responsibilities see PART I. A.—Air Quality, PART I. B.—Water Quality, and PART I. C.—Waste Disposal on Land.

Federal Emergency Management Agency (national flood insurance program; disaster relief assistance; mitigation of natural hazards).

Federal Energy Regulatory Commission (effects of power projects on land use):

—Regulation of development of water resources. 16 U.S.C. 791-825(r) (18 CFR Parts 4-25, 36, 131 and 141).

International Boundary and Water Commission, United States Section (land use along international boundary with Mexico).

Interstate Commerce Commission (land use and interstate commerce):

—Approval of Public Convenience and Necessity Certificate for new railroad lines. 49 U.S.C. 10901.

National Aeronautics and Space Administration (remote sensing of land use and land cover).

National Capital Planning Commission (land use in the National Capital Region):

—Approval of land-use plans and construction in National Capital Region. 40 U.S.C. 74a (DC Code 9-404, DC Code 8-102); 40 U.S.C. 122 (DC Code 8-111, DC Code 5-432).

Tennessee Valley Authority (land use planning on public lands in Tennessee Valley region; assistance to local planning organizations).

B. Federal Land Management

Department of Agriculture

• Forest Service (National Forests and Grasslands management, including fire management):

—National Forest System Management Planning. 16 U.S.C. 1604 and 1613 (36 CFR Part 219).

—Special use permits, archeological permits, leases and easements. 16 U.S.C. 497 and 580(d); 43 U.S.C. 1761 and 48 U.S.C. 341 (36 CFR Parts 251 and 261).

—Easement and road rights-of-way on National Forests and other lands. 16 U.S.C. 533 (36 CFR Part 212.10).

—Permits for commercial use of existing roads. 16 U.S.C. 537 (36 CFR Part 212).

—Bankhead-Jones Farm Tenant Act, Title III permits on National Grasslands. 7 U.S.C. 1010-12 (36 CFR Part 213.3).

Department of Commerce

• National Oceanic and Atmospheric Administration (consistency of Federal land uses with coastal zone management programs).

Department of Defense (overall management of Department of Defense lands).

• Department of the Army (management of Army lands):

—Permits and leases for use of Army reservations.

—Permits and leases for use and occupancy of lands at water development projects of the Corps of Engineers.

- Department of the Air Force (management of Air Force lands):
- Permits and leases for use of Air Force reservations.
- Department of the Navy (management of Navy and Marine Corps lands):
- Permits and leases for uses of naval reservations.

Department of the Interior

- Fish and Wildlife Service (effects of Federal land management on endangered species and their critical habitats and other fish and wildlife resources, management of National Wildlife Refuge and National Fish Hatchery System areas):
- Easements/permits for right-of-way across National Wildlife Refuge and National Fish Hatchery System land. For refuges—16 U.S.C. 668dd, *et seq.*; for hatcheries—43 U.S.C. 931 c and d (50 CFR Parts 25.41 and 29.21).
- Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460k-3 and 742(f) (50 CFR Part 96).
- Permits for off-road vehicular use on National Wildlife Refuge System areas. E.O. 11644 (50 CFR Part 26.34).
- Consultation concerning the protection of fish and wildlife refuges which may be impacted by transportation projects. 49 U.S.C. 303.
- Geological Survey (Federal land mineral resource potential; wilderness reviews, land-use planning; geologic and hydrologic hazards; flood studies; geologic, topographic, land use, and photographic mapping).
- Bureau of Indian Affairs (effects of Federal land management on Indian lands; management of Bureau of Indian Affairs lands):
- Sale of Federal land purchased for Indian administrative uses. 25 U.S.C. 293.
- Rights-of-way over Federal lands under BIA jurisdiction. 25 U.S.C. 323-328 (25 CFR Part 160).
- Leases for mining, oil and gas, coal, farming and other uses on Federal lands under BIA jurisdiction. 5 U.S.C. 301 and 25 U.S.C. 393, *et seq.* (25 CFR Part 162).
- For the trust responsibilities of the Bureau of Indian Affairs for Indian lands, see PART III. A.—Land Use Planning, etc.
- Bureau of Land Management (management of Federal lands):
- Easements/permits for rights-of-way. 43 U.S.C. 9 and 1701, *et seq.* (43 CFR Parts 2800-2900).
- Special land-use permits for habitation, occupation and other purposes. 43 U.S.C. 1732(b) (43 CFR Part 2920).
- Conditions and standards for off-road vehicle use on BLM lands. 43 U.S.C. 1201; E.O. 11644 (43 CFR Part 8340).
- Permits for off-road vehicular use special events, i.e., tours and competitions. 43 U.S.C. 1701, *et seq.*, and 16 U.S.C. 460(1-6a) (43 CFR Part 8372).
- Exchange of Federal lands for other property. 43 U.S.C. 1716 (43 CFR Parts 2200-2270).
- Leases/transfers of public lands for a public airport. 43 U.S.C. 1201 and 49 U.S.C. 1115 (43 CFR Part 2640).

- Sales/leases of Federal land to State and local agencies and non-profit groups for recreational and public purposes. 43 U.S.C. 869, *et seq.* for sales—43 CFR Part 2740; for leases—43 CFR Part 2912).
- Permits for commercial recreational use of public lands. 43 U.S.C. 1701, *et seq.* (43 CFR Part 8370).

- Bureau of Mines (mineral land assessment).
- National Park Service (management of National Park System areas; units of the National Wild and Scenic Rivers System; National Trails System):
- Permits, leases, and easements of rights-of-way and other uses of National Park System areas. 16 U.S.C. 1, *et seq.* (36 CFR Parts 9 and 14).
- Permits for commercial operations on National Park System areas. 16 U.S.C. 1, *et seq.* (36 CFR Parts 7, 14, 50 and 51).
- Permits for off-road vehicular use in National Park System areas. E.O. 11644 (36 CFR Part 7).
- Consultations regarding use of and effect on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Permits for use of National Historic and National Scenic Trails administered by the National Park Service. 16 U.S.C. 1246.
- Consultation concerning the protection of park, recreation, and cultural resources which may be impacted by transportation projects. 49 U.S.C. 303.
- Bureau of Reclamation (management of public water storage and delivery projects and recreational developments; irrigation; and impacts of Federal land management of State water planning):
- Sale or lease of project lands to a governmental entity or a non-profit group for recreational or other public purposes. 43 U.S.C. 869.
- Lease of project lands for commercial recreational developments. 43 U.S.C. 391, *et seq.*

Department of Transportation

- Office of the Secretary (effects of transportation projects on Federal land):
- Approval of transportation programs and projects which use a publicly owned park and recreation area, wildlife or waterfowl refuge, or any historic site. 49 U.S.C. 303.
- Federal Highway Administration (construction and management of Federal Lands Highways, including forest highways and National Park Service roads and parkways):
- Federal Lands Highways Program. 23 U.S.C. 204 (23 CFR Parts 660 and 667).
- Advisory Council on Historic Preservation* (effects of Federal land management on historic properties).
- Environmental Protection Agency* (effects of Federal land management on pollution control and environmental quality; pesticide use and integrated pest management on public lands):
- Underground injection control permits on Indian lands. 42 U.S.C. 300(f), *et seq.*

- Air emissions from Federal facilities. 42 U.S.C. 7418.
- Wastewater discharges from Federal facilities. 33 U.S.C. 1323.
- Solid wastes and hazardous wastes from Federal facilities. 42 U.S.C. 6961.
- Pesticide use of public lands. 7 U.S.C. 136.
- For other jurisdictional responsibilities, see PART I.—POLLUTION CONTROL.

Federal Emergency Management Agency (effects of the National Flood Insurance Program and disaster relief assistance on Federal land management).

General Services Administration

- Public Buildings Service (management of public buildings and property).
- Federal Property Resources Service (public land disposal).

National Aeronautics and Space Administration (advanced technology for remote sensing of land use and land cover).

Tennessee Valley Authority (TVA reservoir property, secondary use of reservoir property, and reservation planning).

C. Coastal Areas

Department of Agriculture

- Farmers Home Administration (housing, community, and business loan programs; and farmer loan programs in coastal areas).
- Forest Service (National Forests in coastal areas).
- Consultations regarding uses and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Soil Conservation Service (coastal soil stabilization).

Department of Commerce

- National Oceanic and Atmospheric Administration (coastal and marine resources and protection):
- Permits for activities in designated marine sanctuaries. 16 U.S.C. 143, *et seq.* (15 CFR Part 922).
- Approval and funding of State coastal management programs. 16 U.S.C. 1451, *et seq.* (15 CFR Parts 923 and 930).
- Establishment of estuarine sanctuaries. 16 U.S.C. 1461 (15 CFR Part 921).
- Determinations to insure Federal development projects and federally permitted or funded projects are consistent with an approved State coastal zone management plan. 16 U.S.C. 1451 (15 CFR Part 930).
- Grants and loans under Coastal Energy Impact Program. 16 U.S.C. 1456(a) (15 CFR Part 931).

Department of Defense

- Army Corps of Engineers (beach erosion and stabilization; dredge and fill permits; ocean dumping; Refuse Act permits):
- For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Office of Policy, Safety, and Environment (effects of energy policies, programs and projects on coastal areas).

Department of Housing and Urban Development

- Office of Housing and Office of Community Planning and Development (development in coastal areas; consistency with coastal zone management plans; consistency with Coastal Barrier Resources Act).

Department of the Interior

- Fish and Wildlife Service (effects of coastal land uses on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery System areas, and other fish and wildlife resources):
 - Consultation regarding any Federal actions that may directly or indirectly affect a designated coastal barrier. 16 U.S.C. 3501. (For advisory guidelines, see 48 FR 45664 of Oct. 6, 1983).
 - Consultation regarding Federal projects that may affect an estuarine area 15 U.S.C. 1224.
 - Consultation regarding Federal or Federally permitted projects that affect fish and wildlife resources under the Fish and Wildlife Coordination Act. 16 U.S.C. 661, *et seq.*
- U.S. Fish and Wildlife Service Mitigation Policy. 16 U.S.C. 661, *et seq.*; 742(a)-754 and 1001-1009 (46 FR 7644 of Jan. 23, 1981).
- Geological Survey (land use planning; geologic and hydrologic hazards; geologic, topographic, land use, and photographic mapping, including areas of the outer continental shelf and Exclusive Economic Zone).
 - Bureau of Indian Affairs (Indian lands in coastal areas).
 - Bureau of Land Management (public land management in coastal areas).
 - Minerals Management Service (coastal zone planning and management; outer continental shelf lands):
- Oil, gas, and sulphur exploration, development, and production on the outer continental shelf. (30 CFR Part 250.34).
- National Park Service (effects of coastal land use on National Park System areas, park and recreation areas, and historical, archeological and architectural sites; barrier island ecology and coastal processes):
- Identification and listing on the National Registry of Natural Landmarks of nationally significant natural areas in the United States. 16 U.S.C. 461 (36 CFR Part 62).
- Consultations regarding use of and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Bureau of Reclamation (water development projects in coastal areas, effects of water developments and irrigation on estuarine areas).

Department of Transportation

- Coast Guard (bridges, pipelines and transmission lines crossing navigable waters; navigation and deep water ports):
 - Permits for bridges and causeways over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).
 - Permits for waterfront facilities. 33 U.S.C. 1221, *et seq.* (33 CFR Parts 125 and 126).
 - Deepwater port regulation and licensing. 33 U.S.C. 1503-1524 (33 CFR Parts 148-150).
 - Maritime Administration (coastal land use in relation to ports).
- Advisory Council on Historic Preservation* (effects of coastal land uses on historic properties).
- Environmental Protection Agency* (effects of coastal land uses on pollution control and environmental quality):
 - For jurisdictional responsibilities see PART I.B.—Water Quality.
- Federal Emergency Management Agency* (National Flood Insurance Program; floodplain management; uses on sand dunes, mangrove forests and barrier islands; disaster relief assistance).
- Federal Energy Regulatory Commission* (effects of natural gas transportation, storage, and sale on coastal areas).
- Marine Mammal Commission* (conservation and protection of marine mammals and their habitat in coastal areas):
 - Conservation and oversight responsibility for activities affecting marine mammals. 16 U.S.C. 1402.
- National Aeronautics and Space Administration* (advanced technology for remote sensing of land use and land cover).

D. Environmentally Sensitive Areas (Wilderness Areas, Wild and Scenic Rivers, Floodplains [see Executive Order 11988], Wetlands [see Executive Order 11990], Barrier Islands, Beaches and Dunes, Unstable Soils, Steep Slopes, Aquifer Recharge Areas, Tundra, etc.)

Department of Agriculture

- Agricultural Research Service (research activities to conserve and assist environmentally sensitive areas).
- Agricultural Stabilization and Conservation Service (commodity and land use programs; Water Bank).
- Farmers Home Administration (housing, community, and business loan programs; farmer loan programs in environmentally sensitive areas).
- Forest Service (management of environmentally sensitive areas on National Forest and Grassland System lands, including fire management):
 - Permits for use of wilderness areas. 16 U.S.C. 472 and 551 (36 CFR Part 293).
 - Consultations regarding use of and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
 - Soil Conservation Service (conservation and protection of environmentally sensitive areas in rural regions).

Department of Commerce

- National Oceanic and Atmospheric Administration (management and protection of environmentally sensitive coastal and marine areas):
 - Consultations concerning the protection of threatened and endangered marine species and their critical habitats. 16 U.S.C. 1531, *et seq.* (50 CFR Part 222).
 - Permits for activities in designated marine sanctuaries. 16 U.S.C. 1431, *et seq.* (15 CFR Part 922).
 - Establishment of estuarine sanctuaries. 16 U.S.C. 1461 (15 CFR Part 921).
 - Habitat Conservation Policy (48 FR 53142 of Nov. 25, 1983).

Department of Defense

- Army Corps of Engineers (protection of beaches, wetlands, floodplains, barrier islands):
 - For jurisdictional responsibilities, see PART I.B.—Water Quality.

Department of Health and Human Services

- Public Health Service: Center for Disease Control (environmentally sensitive areas in relation to human health issues).

Department of Housing and Urban Development

- Office of Community Planning and Development (locational criteria for floodplain and wetland development; sole source aquifer and critical habitat; development affecting endangered species and their critical habitats).
- Office of Housing (developable slope and soils criteria).

Department of Interior

- Fish and Wildlife Service (protection of endangered species and their critical habitats; conservation of environmentally sensitive areas in National Wildlife Refuges and National Fish Hatcheries):
 - Consultations regarding any Federal actions that may directly or indirectly affect a designated coastal barrier. 16 U.S.C. 3501 (for advisory guidelines, see 48 FR 45664 of Oct. 6, 1983).
 - Consultations concerning the protection of endangered species and their critical habitats. 16 U.S.C. 1531-1543 (50 CFR Part 402).
 - Determination of critical habitats for endangered and threatened species of fish and wildlife and plants. 16 U.S.C. 1533 (50 CFR Parts 17, 402 and 424).
 - Geological Survey (geologic and hydrologic assessments of sensitive areas, including energy and mineral resources in wilderness areas; earthquake, volcanic and other natural hazards).
 - Bureau of Indian Affairs (environmentally sensitive areas on Indian lands).
 - Bureau of Land Management (environmentally sensitive areas on public lands; management of special areas):
 - Leases, permits and licenses for mining in Wild and Scenic Rivers System areas. 16 U.S.C. 1280 (each area has special Federal Regulations).

- Approval of plan of operations for a mining lease in a wilderness study area. 43 U.S.C. 1701, *et seq.*, and 1782; 12 U.S.C. 1201, *et seq.* (43 CFR Part 3802).
- Permits for use of a designated "special area" as defined in 43 CFR Part 8372.0-5(g). 43 U.S.C. 1701, *et seq.*; 16 U.S.C. 460 (1-6a) and 670 (g-n) (43 CFR Part 8370 *et seq.*).
- Restrictions on use of "outstanding natural areas" and "primitive areas." 43 U.S.C. 1701, *et seq.* (43 CFR Subpart 8352).
- National Park Service (historical and recreational values; Wild and Scenic Rivers System; National Trails System; National Park System areas):
- Identification and listing on the National Registry of Natural Landmarks of nationally significant natural areas in the United States. 16 U.S.C. 461 (36 CFR Part 62).
- Leases, permits, and licenses for mining on National Park System lands involved in Wild and Scenic Rivers System. 16 U.S.C. 1280.
- Consultations regarding use of and effect on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Permits for use of National Historic and National Scenic Trails administered by the National Park Service. 16 U.S.C. 1246.
- Bureau of Reclamation (water resource planning and water storage and delivery projects in environmentally sensitive areas; National Water Summary):
- Office of Surface Mining Reclamation and Enforcement (surface coal mining and reclamation operations in environmentally sensitive areas):
- Identification of lands considered unsuitable for all or certain stipulated methods of coal mining involving surface coal mining operations. 30 U.S.C. 1272(e) (30 CFR Chapter 7, Subchapter F).
- Protection of prime farmlands during surface coal mining and reclamation operations. 30 U.S.C. 1265 (30 CFR Parts 785.17 and 823).

Department of Transportation

- Office of Secretary (effects of all types of transportation projects on environmentally sensitive areas).
- Coast Guard (port facilities and bridges in environmentally sensitive areas):
- Establishment of port access routes in environmentally sensitive areas. 33 U.S.C. 1221.
- Federal Highway Administration (highways in environmentally sensitive areas):
- Mitigation of impacts to privately owned wetlands. 23 U.S.C. 109; Executive Order 11990 (23 CFR Part 777).

Advisory Council on Historic Preservation (effects of activities in sensitive areas on historic properties).

Environmental Protection Agency (pollution control and environmental effects on wetlands, floodplains, prime agricultural lands, and other environmentally sensitive areas):

—For jurisdictional responsibilities, see PART I. A.—Air Quality, PART I. B.—Water Quality, and PART I. C.—Waste disposal on Land.

Federal Emergency Management Agency (National Flood Insurance Program; floodplain management; uses on sand dunes, mangrove forests, and barrier islands; disaster relief assistance).

National Science Foundation (conservation of Antarctic animals, plants, and ecosystems):

—Permits for the taking or collecting of Antarctic animals and plants, and for entry into certain designated areas. 16 U.S.C. 2401, *et seq.* (45 CFR Part 670).

Tennessee Valley Authority (Protection and management of environmentally sensitive areas in the Tennessee Valley region).

E. Outdoor Recreation

Department of Agriculture

- Forest Service (recreation in National Forests and Grasslands):
- Use of recreation areas. (36 CFR Parts 291, 292 and 294).
- Permits for use of wilderness areas. 16 U.S.C. 472 and 551 (36 CFR Part 293).
- Conditions and requirements for use of National Forest road and trail system. 16 U.S.C. 537 (36 CFR Part 212).
- Permits for use of National Scenic Trails administered by Forest Service. 16 U.S.C. 1246.
- Permits for hunting and fishing in fish and wildlife refuge lands. 16 U.S.C. 551 and 683.
- Conditions and standards for off-road vehicle use on National Forest System lands. 16 U.S.C. 551; E.O. 11644 (36 CFR Part 295).
- Consultations regarding use of and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Soil Conservation Service (recreation and watershed protection; planning assistance to private landowners):
- Assistance to State and local sponsors, through a Small Watershed Program grant, for reservoir and stream modification projects including development of basic public recreation facilities. 16 U.S.C. 1001, *et seq.* and 33 U.S.C. 701-1.

Department of Commerce

• National Oceanic and Atmospheric Administration (marine recreational fishing; coastal access planning in State coastal zone management programs).

Department of Defense

- Army Corps of Engineers (recreational areas on Corps project lands):
- Permits for activities and developments on water resources development projects. 16 U.S.C. 460(d) (36 CFR Parts 313 and 327).

Department of Health and Human Services

• Public Health Service: Center for Disease Control (outdoor recreation and health).

Department of Housing and Urban Development

- Office of Community Planning and Development (outdoor recreation in urban areas):
- Approval of a conversion to a non-designated use for State and local lands acquired or developed, in whole or in part, with an Open Space Land Program grant. 42 U.S.C. 1500-1500e.

Department of the Interior

- Fish and Wildlife Service (effects of recreation on endangered species and their critical habitats, and other fish and wildlife resources; recreation on National Wildlife Refuge and National Fish Hatchery System lands):
- Permits for special uses including concessions and other recreational facilities on National Wildlife Refuge System lands. 16 U.S.C. 668dd, *et seq.* (50 CFR Part 25.41, *et seq.*).
- Permits for off-road vehicular use on National Wildlife Refuge System lands. E.O. 11644 (50 CFR Part 26.34).
- Consultation concerning the protection of fish and wildlife refuges which may be impacted by transportation projects. 49 U.S.C. 303.
- Geological Survey (effects of water quality and erosion on recreation).
- Bureau of Indian Affairs (outdoor recreation on Indian lands).
- Bureau of Land Management (outdoor recreation on public lands generally, including ORV use and river management):
- Leases and sale of Federal land to State and local agencies and non-profit groups for recreational and public purposes. 43 U.S.C. 869, *et seq.* (For sales—43 CFR Part 2740; for leases—43 CFR Part 2912).
- Conditions and standards for off-road vehicle use on BLM lands. 43 U.S.C. 1201; E.O. 11644 (43 CFR Part 8340).
- Permits for off-road vehicular use special events, i.e., tours and competitions. 43 U.S.C. 1701, *et seq.*, and 16 U.S.C. 460 (1-6a) (43 CFR Part 8372).
- Permits for use of a national trail, developed facility and a designated "special area" as defined in 43 CFR Part 8372.0-5(g). 43 U.S.C. 1701, *et seq.*; 16 U.S.C. 460 (1-6a) and 670 (g-n) (43 CFR Part 8370).
- Permits for commercial recreation use of public lands. 43 U.S.C. 1701, *et seq.* (43 CFR Part 8370).
- National Park Service (outdoor recreation, urban parks, Wild and Scenic Rivers System, National Trails System; recreation in National Park System areas):
- Assistance to State and local agencies, through Land and Water Conservation Fund Act grants, for the acquisition and/or development of park and recreation areas and/or facilities. 16 U.S.C. 4601.
- Approval of a conversion to a non-designated use for State and local lands acquired or developed, in whole or in part, with a Land and Water Conservation Fund Act grant. 16 U.S.C. 4601.
- Assistance to State and local agencies, through Urban Park and Recreation Recovery Act grants, for the development

- and/or improvement of park and recreation areas. 16 U.S.C. 2504 (36 CFR Part 1228).
- Approval of a conversion to other than public recreation uses for State and local areas developed or improved with an Urban Park and Recreation Recovery Act grant. 16 U.S.C. 2504 (36 CFR Part 69).
- Consultations regarding use of and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*
- Permits for use of National Historic and National Scenic Trails administered by the National Park Service. 16 U.S.C. 1246.
- Approval of a conversion to a non-designated use for lands deeded by the Federal government to State and local entities as park demonstration areas, recreation areas, wildlife conservation preserves and refuges and as historic monuments and properties under the (1) Recreation Demonstration Act of 1942 and (2) Federal Property and Administrative Services Act of 1949. For (1)—16 U.S.C. 459 r-t; for (2)—40 U.S.C. 484(k)(2) (41 CFR Part 101-47).
- Approval of a conversion to a non-designated use of abandoned railroad rights-of-way acquired by State and local governments under Section 809(b) of the Railroad Revitalization and Regulatory Reform Act of 1976. 49 U.S.C. 1a (36 CFR Part 64).
- Consultation concerning the protection of park, recreation, and cultural resources which may be impacted by transportation projects. 49 U.S.C. 303.
- Consultations about extent to which proposed recreational developments at hydroelectric projects conform to and are in accord with the Statewide Comprehensive Outdoor Recreation Plans. 16 U.S.C. 460.
- Permits for off-road vehicle use on National Park System lands. 16 U.S.C. 1, *et seq.*; E.O. 11644 (36 CFR Part 7).
- Bureau of Reclamation (recreation on water storage and delivery projects):
- Sale or lease of project lands to a governmental entity or a non-profit group for recreational purposes. 43 U.S.C. 869.
- Lease of project lands for commercial recreational developments. 43 U.S.C. 391, *et seq.*
- Permits for organized off-road vehicular events. (43 CFR Part 420.24).
- Office of Surface Mining Reclamation and Enforcement (use of abandoned mined lands for recreational purposes):
- Identification of park and recreation lands considered unsuitable for surface coal mining operations. 30 U.S.C. 1272(e) (30 CFR Chapter 7, Subchapter F).

Department of Transportation

- Office of the Secretary (general effects of transportation projects on parks and recreation areas):
- Approval of transportation programs or projects that require the use of or have significant impact on park and recreation areas. 49 U.S.C. 303.
- Coast Guard (recreational boating):

- Recreational boating regulations and permits. 46 U.S.C. 1451 (33 CFR Part 173, *et seq.*).

- Federal Highway Administration (effects of highways on parks and recreation areas):
- Special protection considerations for public park and recreation areas. 23 U.S.C. 138 and 49 U.S.C. 303 (23 CFR Part 771).
- Access highways to public recreation areas on lakes. 23 U.S.C. 155.

Advisory Council on Historic Preservation (effects of recreational activities and development on historic properties).

Environmental Protection Agency (pollution control and environmental quality in relation to outdoor recreation):

- For jurisdictional responsibilities, see PART I—POLLUTION CONTROL.

National Capital Planning Commission (recreation in the Washington, D.C. area):

- Approval of land use plans and construction in the National Capital Region. 40 U.S.C. 74a (D.C. Code 9-404, D.C. Code 8-102); 40 U.S.C. 122 (D.C. Code 8-11, D.C. Code 5-432).

Tennessee Valley Authority (recreation on public lands and waters in Tennessee Valley Region).

F. Community Development

Department of Agriculture

- Agricultural Stabilization and Conservation Service (rural development and farm programs).
- Extension Service (rural and community development programs).
- Farmers Home Administration (rural and community development programs).
- Forest Service (programs to assist in coordinating development of communities in and adjacent to National Forest System areas; urban forestry).
- Soil Conservation Service (soil and related resource surveys; land conservation and utilization):
- Soil, water, and related resource data. 7 U.S.C. 1010a.
- Program for land conservation and utilization. 7 U.S.C. 1011(e).

Department of Commerce

- Economic Development Administration (community development programs in designated areas).
- National Oceanic and Atmospheric Administration (energy development impacts on communities):
- Approval and funding of State coastal zone management programs. 16 U.S.C. 1451, *et seq.* (15 CFR Parts 130 and 923).

Department of Health and Human Services

- Center for Disease Control (community health issues).
- Office of Human Development Services (problems of handicapped, aged, children and Native Americans).

Department of Housing and Urban Development

- Office of Community Planning and Development (community development; effects on low income populations; economic revitalization in distressed areas; density and

congestion mitigation; rehabilitation and urban homesteading):

- Assurances that HUD assisted projects are located in a safe and healthful environment. 42 U.S.C. 1441, *et seq.*
- Housing and Community Development Act of 1974. 42 U.S.C. 5301, *et seq.* (24 CFR Part 570).
- Approval of a conversion to a non-designated use for State and local lands acquired or developed, in whole or in part, with an Open Space Land Program grant. 42 U.S.C. 1500-1500e.

Department of the Interior

• Fish and Wildlife Service (effects of community developments on endangered species and their critical habitats, other fish and wildlife resources, and National Wildlife Refuge and National Fish Hatchery System areas).

• Geological Survey (effects of development on water resources and erosion; geologic and hydrologic hazards, including floods, subsidence, sink holes, landslides, and earthquakes).

• Bureau of Indian Affairs (community development for Indian peoples and on Indian lands).

• Bureau of Land Management (community developments on public lands):

- Leases and sale of Federal land to State and local agencies and non-profit groups for recreational and public purposes. 43 U.S.C. 869, *et seq.* (For sales—43 CFR Part 2740, for leases—43 CFR Part 2912).
- Leases/transfers of public lands for a public airport. 49 U.S.C. 1115 (43 CFR Part 2640).
- Exchange of Federal lands for other property. 43 U.S.C. 1716 (43 CFR Part 2200-2270).
- National Park Service (effects of community developments on natural and historic landmarks, archeological remains, outdoor recreation, urban parks, historic preservation, and National Park System areas):

- Approval of a conversion to a non-designated use for State and local lands acquired or developed, in whole or in part, with a Land and Water Conservation Fund Act grant. 16 U.S.C. 4601.
- Approval of a conversion to other than a public recreation use for State and local areas developed or improved with an Urban Park and Recreation Recovery Act grant. 16 U.S.C. 2504 (36 CFR Part 69).
- Approval of a conversion to a non-designated use for lands deeded by the Federal government to State and local entities as park demonstration areas, recreation areas, wildlife conservation preserves and refuges and as historic monuments and properties under the (1) Recreation Demonstration Act of 1942 and (2) Federal Property and Administrative Services Act of 1949. For (1)—16 U.S.C. 459 r-t; for (2)—40 U.S.C. 484(k)(2) (41 CFR Part 101-47).
- Approval of a conversion to a non-designated use of abandoned railroad right-of-way acquired by State and local governments under Section 809(b) of the

Railroad Revitalization and Regulatory Reform Act of 1976. 49 U.S.C. 1a (36 CFR Part 64).

- Assistance for the acquisition, rehabilitation, restoration and reconstruction of historic properties. 16 U.S.C. 470, *et seq.* (36 CFR Parts 60.3 and 68).
- Bureau of Reclamation (water storage, delivery, and irrigation systems for community development purposes):
- Sales of farm units on Federal irrigation projects (Statutory jurisdiction appears in individual project authorizations).
- Sale or lease of project lands to a governmental entity or nonprofit group for recreational or other public purposes. 43 U.S.C. 869.
- Office of Surface Mining Reclamation and Enforcement (effects of surface mining and reclamation operations on community development).

Department of Transportation

- Federal Aviation Administration (effects of airport development and use on communities):
- Approval of an airport noise compatibility program. 49 U.S.C. 2101, *et seq.* (14 CFR Part 150).
- Federal Highway Administration (effects of highways on communities):
- Relocation assistance in connection with highway projects. 42 U.S.C. 4601 *et seq.* (23 CFR Part 740 and 49 CFR Part 25).
- Grants for economic growth center development highways. 23 U.S.C. 143.
- Urban Mass Transportation Administration (effects of urban transportation systems on communities):
- Grants for Urban Mass Transportation Act projects. 49 U.S.C. 1610, *et seq.*

ACTION (effects of community development on low income populations).

Advisory Council on Historic Preservation (effects of community development on historic properties).

Environmental Protection Agency (air, noise, and water pollution control relating to community development):

—For jurisdictional responsibilities, see **PART I—POLLUTION CONTROL.**

Federal Emergency Management Agency (National Flood Insurance Program; disaster relief assistance; mitigation of natural hazards).

General Services Administration

- Public Building Service (building design, construction, and use).
- Interstate Commerce Commission** (effects of rail line construction and abandonment on community development).
- National Capital Planning Commission** (community developments in the Washington, D.C. area):
- Approval of land use plans and construction in the National Capital Region. 40 U.S.C. 74a (DC Code 9-404, DC Code 8-102); 40 U.S.C. 122 (D.C. Code 8-111, DC Code 5-432).
- National Endowment for the Arts** (effects of development on artistic values).

G. Historic, Architectural, and Archeological Resources

Department of Agriculture

- Office of the Secretary (protection of archeological resources):
- Permits and procedures for the recovery and preservation of archeological resources on Department of Agriculture lands. 16 U.S.C. 470 aa-ll (36 CFR Part 296).
- Agricultural Stabilization and Conservation Service (effects on historic and archeological resources from agriculture):
- Farmers Home Administration (effects of housing, community, and business programs, and farmer programs on cultural resources).
- Forest Service (protection of historic and archeological resources in National Forests and Grasslands):
- Special-use permits, archeological permits, leases and easements. 16 U.S.C. 497 and 580(d); 43 U.S.C. 1761; 48 U.S.C. 341 (36 CFR Parts 251 and 261).
- Soil Conservation Service (effects of agriculture on cultural resources).

Department of Commerce

- National Oceanic and Atmospheric Administration (areas for preservation and restoration under State coastal zone management programs):
- National Marine Sanctuaries. 16 U.S.C. 1431 (15 CFR Part 922).
- National Estuarine Sanctuaries. 16 U.S.C. 1461 (15 CFR Part 921).

Department of Defense

- Office of the Secretary (protection of archeological resources):
- Permits/procedures for recovery and preservation of archeological resources on Department of Defense lands. 16 U.S.C. 470 aa-ll (32 CFR Part 229).

Department of Housing and Urban Development

- Office of Community Planning and Development (protection of historic and architectural resources in developed areas):
- Housing and Community Development Act of 1974. 42 U.S.C. 5304(f) (24 CFR Part 58).

Department of the Interior

- Fish and Wildlife Service (cultural resource management on National Wildlife Refuge and National Fish Hatchery System lands, and effects of cultural resource management on endangered species and critical habitats):
- Special use permit for antiquities search and collection activities—in addition to an antiquity permit. 16 U.S.C. 668(dd), *et seq.* (50 CFR Part 25.41); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).
- Geological Survey (paleontological resources in general).
- Bureau of Indian Affairs (protection of historic and archeological resources on Indian and Native American lands):
- Concurrence for issuance and supervision of antiquity permits on Indian lands. 16 U.S.C. 432 (25 CFR Part 261); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).
- Protection of access to sacred sites, use and possession of sacred objects and other rights of the American Indian, Eskimo, Aleut, and Native Hawaiian. 42 U.S.C. 1996.
- Bureau of Land Management (cultural resource management on public lands):
- Concurrence for issuance and supervision of antiquity permits. 16 U.S.C. 432 (43 CFR Part 3); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).
- Minerals Management Service (protection of cultural resources on outer continental shelf lands):
- Outer Continental Shelf Lands Act. 43 U.S.C. 1331 (30 CFR Parts 250 and 251).
- National Park Service (protection of historic, archeological, architectural and paleontological properties; cultural resource management on National Park System lands):
- Nominations to and determinations of eligibility of properties for inclusion in the National Register of Historic Places. 16 U.S.C. 470, *et seq.* (36 CFR Part 60 and 63).
- Approval of procedures in State and local government historic preservation programs. 16 U.S.C. 470, *et seq.* (36 CFR Part 61).
- National Historic Landmarks Program—nominations and designations. 16 U.S.C. 461, *et seq.* (36 CFR Part 65).
- Historic Preservation Certifications pursuant to the Tax Reform Act of 1976, the Revenue Act of 1978, the Tax Treatment Extension Act of 1980, and the Economic Recovery Tax Act of 1981. 16 U.S.C. 470, *et seq.*; 90 Stat. 1519; 92 Stat. 2828; 94 Stat. 3204; 95 Stat. 172 (36 CFR Part 67).
- The Secretary of the Interior's Standards and Guidelines for Historic Preservation Projects. 16 U.S.C. 470, *et seq.*; Executive Order 11593 (36 CFR Part 68).
- The Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation pursuant to Sections 101 and 110 of the National Historic Preservation Act. 16 U.S.C. 470, *et seq.* (48 FR 44716 of Sept. 29, 1983).
- Waiver of Federal Agency Responsibilities under Section 110 of the National Historic Preservation Act. 16 U.S.C. 470, *et seq.* (36 CFR Part 78).
- Protection of the world's cultural and natural heritage: the World Heritage Convention. 16 U.S.C. 470a-1 and 2-2d (36 CFR Part 73).
- Permits and procedures for the recovery and preservation of archeological resource on Department of the Interior lands. 16 U.S.C. 470 aa-ll (43 CFR Part 7).
- Permits to examine ruins, excavate archeological sites and gather objects of antiquity on Federal and Indian lands (Antiquity permits issued by the Departmental Consulting Archeologist). 16 U.S.C. 432 (43 CFR Part 3; 36 CFR Parts 2.20 and 2.25); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).
- Approval of a conversion to a non-designated use for lands deeded by the Federal government to State and local entities as park demonstration areas, recreation areas, wildlife conservation preserves and refuges and as historic monuments and properties under the (1) Recreation Demonstration Act of 1942 and (2) Federal Property and Administrative

Services Act of 1949. For (1)—16 U.S.C. 459 r-t; for (2)—40 U.S.C. 484(k)(2) (41 CFR Part 101-47).

—Consultation concerning the protection of any historic site which may be impacted by a transportation project. 49 U.S.C. 303.

- Bureau of Reclamation (protection of cultural resources on water storage and delivery project lands):

—Procedures for the administration and protection of cultural resources. E.O. 11593 (43 CFR Part 422).

—Concurrence for issuance and supervision of antiquity permits. 16 U.S.C. 432 (43 CFR Part 3); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).

- Office of Surface Mining Reclamation and Enforcement (protection of important historic, cultural, scientific, and aesthetic resources in surface coal mining and reclamation operations):

—Concurrence for issuance and the supervision of antiquity permits. 16 U.S.C. 432 (43 CFR Part 3); also see 16 U.S.C. 470 aa-ll (43 CFR Part 7).

Department of Transportation

- Office of the Secretary (general effects of transportation projects on cultural resources):

—Approval of transportation programs or projects that require the use of or have significant impacts on historic sites. 49 U.S.C. 303.

- Coast Guard (effects of bridges on cultural resources):

—Construction and alterations on bridges and causeways over navigable waters that are or require the use of or have significant impacts on historic sites. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).

- Federal Aviation Administration (effects of airport developments and air traffic on cultural resources; sonic boom impacts):

- Federal Highway Administration (effects of highway projects on cultural resources):

—Approval of transportation programs or projects that require the use of or have significant impacts on historic sites. 23 U.S.C. 138 and 49 U.S.C. 303 (23 CFR Part 771).

—Archaeological and paleontological salvage on Federal and Federal-aid highway projects. 23 U.S.C. 305.

- Federal Railroad Administration (effects of railroad projects on cultural resources):

- Urban Mass Transportation Administration (effects of urban transportation projects on architectural and historic resources):

Advisory Council on Historic Preservation (effects of development or other actions on historic properties):

—Consultation concerning the effects of any Federal, federally assisted, or federally regulated activity on historic properties. 16 U.S.C. 470, *et seq.* (36 CFR Part 800).

General Services Administration

- Public Buildings Service (effects of development and pollution on architectural and historic resources in urban areas):

Interstate Commerce Commission (effects of rail line construction and abandonment on cultural resources):

National Capital Planning Commission (effects of development and pollution on architectural, historic and archeological resources in the Washington, D.C. area):

—Approval of land use plans and construction in the National Capital Region. 40 U.S.C. 74a (D.C. Code 9-404, D.C. Code 8-102); 40 U.S.C. 122 (D.C. Code 8-111, D.C. Code 5-432).

Tennessee Valley Authority (effects of development and other actions on historic and archeological resources in the Tennessee Valley region):

—Permits and procedures for the recovery and preservation of archeological resources on TVA lands. 16 U.S.C. 470 aa-ll (18 CFR Part 1312).

IV. NATURAL RESOURCES MANAGEMENT

A. Weather Modification

Department of Agriculture

- Forest Service (effects of weather modification on National Forests and Grasslands):

- Soil Conservation Service (snow surveys and soil moisture monitoring):

- World Agricultural Outlook Board (data relating to weather and agricultural commodities):

Department of Commerce

- National Oceanic and Atmospheric Administration (weather research and development):

—Records and reports or weather modification activities. 85 Stat. 735 (15 CFR Part 908).

Department of Defense

- Department of the Air Force (fog dissipation):

Department of the Interior

- Bureau of Indian Affairs (effects of weather modification on Indian Lands):

- Bureau of Land Management (effects of weather modification on public lands):

- Fish and Wildlife Service (effects of weather modification on endangered species and their critical habitats, other fish and wildlife resources, and National Wildlife Refuge and National Fish Hatchery System areas):

- Geological Survey (effects of weather modification on water resources; paleoclimatic studies):

- National Park Service (effects of weather modification on National Park System areas):

- Bureau of Reclamation (effects of weather modification on water storage and delivery projects; research in relation to water resources):

—Precipitation augmentation through cloud seeding. 43 U.S.C. 377.

Environmental Protection Agency (effects of weather modification on pollution control and environmental quality):

B. Marine Resources

Department of Commerce

- National Oceanic and Atmospheric Administration (meteorological and oceanographic research and monitoring):

management and protection of coastal and marine resources; marine pollution research and monitoring; ocean pollution; ocean mining; ocean dumping; seafood quality; regulation of marine fisheries):

—Establishment of estuarine sanctuaries. 16 U.S.C. 1461 (15 CFR Part 921).

—Permits for activities in designated marine sanctuaries. 16 U.S.C. 1431, *et seq.* (15 CFR Part 922).

—Consultations regarding Federal or federally permitted projects affecting fish and wildlife habitat in coastal and offshore areas under the Fish and Wildlife Coordination Act. 16 U.S.C. 661, *et seq.*

—Consultations regarding projects which may affect any threatened or endangered marine species or its critical habitat. 16 U.S.C. 1531, *et seq.* (50 CFR Parts 222 and 402).

—Permits for scientific research and display of marine mammals. 16 U.S.C. 1374 (50 CFR Parts 216.31, 220 and 618).

—Permits to enhance the propagation or survival of endangered or threatened marine species. 16 U.S.C. 1531 (50 CFR Part 222.21).

—Control of fishing by foreign and domestic vessels in the 3-200 mile Fishery Conservation Zone. 16 U.S.C. 1801, *et seq.* (50 CFR Chapter VI).

—Permits for importing marine mammals or products thereof. 16 U.S.C. 1361 and 1371-74 (50 CFR Parts 18 and 216).

—Licenses for siting, design, and operation of ocean-thermal energy facilities. 42 U.S.C. 9101, *et seq.* (15 CFR Part 981).

—Licenses and permits for deep seabed hard mineral resource exploration or recovery. 30 U.S.C. 1401, *et seq.* (15 CFR Part 970).

—Approval of fishery management plans. 16 U.S.C. 1801, *et seq.* (50 CFR Part 601).

—Permits for scientific research, propagation and survival of marine reptiles. 16 U.S.C. 1538 (50 CFR Part 223.23).

—Permits for whaling for scientific and subsistence purposes. 16 U.S.C. 916 (50 CFR Part 216).

Department of Defense

- Army Corps of Engineers (effects of activities in navigable waters on marine resources):

—Regulation of artificial islands, installations and devices on the outer continental shelf. 43 U.S.C. 1333(e) (33 CFR Part 320.2(b)).

—For other jurisdictional responsibilities, see PART I. B.—Water Quality.

- Department of the Navy (oceanography and hydrographic mapping; ship pollution):

Department of Energy

- Office of Policy, Safety, and Environment (effects of energy programs on marine resources):

Department of Health and Human Services

- Public Health Service (effects of marine pollution on health):

- Food and Drug Administration (shellfish sanitation; contamination of fish and shellfish with toxics):

Department of the Interior

- Fish and Wildlife Service (effects of marine pollution on endangered species and their critical habitats, estuarine areas, marine sanctuaries, sport fisheries, migratory waterfowl, barrier islands, and coastal National Wildlife Refuges);

- Consultation regarding Federal projects that may affect an estuarine area. 15 U.S.C. 1224.

- Habitat acquisition and improvement for designated marine mammals. 16 U.S.C. 136, *et seq.*

- Geological Survey (marine geophysical surveys, including assessment of marine energy and mineral deposits; offshore geologic studies).

- Minerals Management Service (emissions from outer continental shelf lease operations; effects of pollution from outer continental shelf mineral lease operations; protection of marine biological resources on outer continental shelf leases; management of outer continental shelf lands);

- For jurisdictional responsibilities see PART II. B.—Oil and Gas and PART IV. G.—Non-energy Mineral Resources.

- Bureau of Mines (pollution from ocean mining).

- National Park Service (marine pollution affecting National Park System areas, especially National Seashores; marine recreational resources; historic and archeological sites in coastal areas and on the continental shelf).

- Department of State (international aspects of water pollution and marine resources, including migratory birds and marine mammals).

Department of Transportation

- Coast Guard (ocean dumping enforcement and marine resource protection; discharges of toxic materials in navigable waters; recreational boating);

- Transportation of hazardous materials by vessel. 46 U.S.C. 170, 375, 391(a) and 416(j); 49 U.S.C. 1655, 1803, 1804 and 1808(j); 50 U.S.C. 191 (33 CFR Parts 151, *et seq.*; and 160, *et seq.*; 46 CFR Chapter I).

- Hazardous substance discharge to navigable waters. 33 U.S.C. 1321 (33 CFR Parts 25 and 151, *et seq.*; 46 CFR Part 542, *et seq.*).

- Navigation and waterfront facility regulation. 33 U.S.C. 1221, *et seq.* (33 CFR Parts 125 and 126).

- Outer continental shelf structures. 43 U.S.C. 1331 (33 CFR Part 140, *et seq.*).

- Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).

- Deepwater port regulation and licensing. 33 U.S.C. 1503–1524 (33 CFR Parts 148–150).

- Recreational boating regulation. 46 U.S.C. 1451 (33 CFR Part 173, *et seq.*).

- Maritime Administration (port, coastal, and ocean pollution; marine pollution from ships; destruction/treatment of wastes at sea);

- Merchant vessels: polluting, discharging and dumping. 46 U.S.C. 1101, *et seq.*

- Port operations: polluting, discharging and dumping. 46 U.S.C. 867.

Advisory Council on Historic Preservation (effects of activities in coastal and marine areas on historic properties).

Environmental Protection Agency (marine discharges, oil spills, ocean dumping; environmental effects; ocean disposal of radioactive waste and hazardous materials):

- For jurisdictional responsibilities, see PART I. B.—Water Quality.

Federal Maritime Commission (vessel certification with respect to liability for water pollution):

- Certificates of financial responsibility for water pollution. 33 U.S.C. 1321 (46 CFR Part 542); 42 U.S.C. 1643 (46 CFR Part 543); 43 U.S.C. 1815 (46 CFR Part 544).

Marine Mammal Commission

(conservation and protection of marine mammals and their habitat):

- Consultation and oversight responsibility for activities affecting marine mammals. 16 U.S.C. 1402.

- Review of permit applications for taking and importation of marine mammals and marine mammal products. 16 U.S.C. 1371(a).

National Aeronautics and Space Administration (advanced technology for remote sensing in oceanography and marine resource conservation).

Nuclear Regulatory Commission (radioactive substances in the marine environment).

C. Water Resources Development and Regulation*Department of Agriculture*

- Agricultural Stabilization and Conservation Service (water resource conservation; Water Bank program).

- Animal and Plant Health Inspection Service (control of exotic noxious weeds in waterways and streams).

- Forest Service (effects of water resource developments on National Forests and Grasslands);

- Water resource development in wilderness areas. (36 CFR Part 293.15).

- Consultations regarding water resource development and effects on rivers established as units of the National Wild and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*

- Agricultural Research Service (research on soil and water conservation).

- Soil Conservation Service (watershed protection; river basin studies, flood prevention, and habitat analysis);

- Assistance to State and local sponsors, through a Small Watershed Program grant, for watershed, reservoir, flood-control and drainage projects. 16 U.S.C. 1001, *et seq.*; 33 U.S.C. 701–1 and 42 U.S.C. 1962, *et seq.* (7 CFR Parts 620, *et seq.*; and 660).

Department of Commerce

- National Oceanic and Atmospheric Administration (estuarine and anadromous fish habitat; review of Federal permits affecting water resources and management; protection of coastal and marine resources; river and flood forecasting).

Department of Defense

- Army Corps of Engineers (water resource development and regulation activities in water of the United States);

- Rules governing work or structures in or affecting navigable waters of the United States. 33 U.S.C. 401, 403, and 419 (33 CFR Part 322).

- Permits for discharges of dredged or fill materials into waters of the United States. 33 U.S.C. 1344 (33 CFR Part 323).

- Guidelines controlling the discharge of dredged or fill material in waters of the United States including wetlands. (40 CFR Part 230).

- Permits for uses at Corps reservoirs managed by a lakeshore management plan. 33 U.S.C. 1251.

- Permits for use of river or harbor improvements built by United States. 33 U.S.C. 408 (33 CFR Part 320.2(e)).

- For other jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Office of Policy, Safety, and Environment (effect of energy policies, programs, and projects).

Department of the Interior

- Fish and Wildlife Service (effects of water resource developments on endangered species and their critical habitats, other fish and wildlife resources, and National Wildlife Refuge and National Fish Hatchery System areas);

- Consultation regarding Federal or Federally permitted projects which affect streams and water bodies. 16 U.S.C. 661, *et seq.*

- U. S. Fish and Wildlife Service Mitigation Policy. 16 U.S.C. 661–667(e), 742(a)–754 and 1001–1009 (46 FR 7644 of Jan. 23, 1981).

- Consultation regarding Federal projects that may affect an estuarine area under the Estuarine Protection Act. 15 U.S.C. 1224.

- Geological Survey (hydrologic research; collection, analysis, and dissemination of data on quantity and quality of surface and ground water; National Water Summary).

- Bureau of Indian Affairs (effects of water resources developments on Indian lands);

- Permits, concessions, and leases on lands withdrawn or acquired in connection with Indian irrigation projects. 25 U.S.C. 390 (25 CFR Part 173).

- Bureau of Land Management (effects of water resource developments on public lands);

- Permits, leases, and easements for water control projects. 43 U.S.C. 1732(b) and 1761(a)(1) (43 CFR Part 2800).

- Bureau of Mines (effects of water resource developments and regulation on mineral resources, production and transportation).

- National Park Service (effects of water resource developments on Wild and Scenic River System, outdoor recreation areas, and National Park System areas);

- Consultations regarding water resource developments and effects on rivers established as units of the National Wild

and Scenic Rivers System and on those rivers designated for study as potential additions to that System. 16 U.S.C. 1278, *et seq.*

—Consultations about extent to which proposed recreational developments at hydroelectric projects conform to and are in accord with the State Comprehensive Outdoor Recreation Plan. 16 U.S.C. 470.

• Bureau of Reclamation (water storage and delivery projects and their effects; water policy analysis; impacts on State water management):

—Construction and operation of works and structures for storage, diversion and development of waters, including flood control, navigation and river-flow regulation and control in the 17 contiguous western States. 43 U.S.C. 391 *et seq.*

• Office of Surface Mining Reclamation and Enforcement (effects of water resource developments on surface coal mining and reclamation operations).

Department of Transportation

• Coast Guard (vessel, bridge, port, and waterway regulation and safety; navigational aids):

—Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).

—Construction and alterations of bridges and causeways over navigable waters. 33 U.S.C. 491, *et seq.*; 511, *et seq.*; 525, *et seq.*, and 535 (33 CFR Part 114, *et seq.*).

• Federal Highway Administration (effects of water resource developments on highways):

—Approval of Federal-aid highway and bridge projects involving navigable waters and channel changes. 23 U.S.C. 144 (23 CFR Part 650).

—Approval of toll bridge and ferry projects. 23 U.S.C. 129.

• Saint Lawrence Seaway Development Corporation (Seaway regulation):

—Construction, development, operation, and maintenance of the United States part of the Seaway. 33 U.S.C. 981-990 (33 CFR Parts 401-403).

Advisory Council on Historic Preservation (effects of water resource developments on historic properties).

Delaware River Basin Commission (management of water resources in the Delaware River basin):

—Review and approval of water resource projects. 75 Stat. 708 (18 CFR Parts 401-430).

Environmental Protection Agency (effects of water resource developments on pollution control):

—Review of permits for discharge of dredged or fill materials into waters of the United States. 33 U.S.C. 1344 (40 CFR Part 230).

—Guidelines controlling the discharge of dredged or fill material in waters of the U.S. including wetlands. (40 CFR Part 230).

—For other jurisdictional responsibilities, see PART I. B.—Water Quality.

Federal Emergency Management Agency (floodplain mapping and floodplain management; dam and levee safety; mitigation of natural hazards).

Federal Energy Regulatory Commission (effects of power projects):

—Regulation of development of water resources. 16 U.S.C. 791-825(r) (18 CFR Parts 4-25, 36, 131 and 141).

International Boundary and Water Commission, United States Section (maintenance, restoration and protection of banks of Rio Grande and Colorado River where they form the international boundary with Mexico; construction and operation of works and structures for storage and diversion of waters, including flood control on the Rio Grande and Colorado Rivers).

National Capital Planning Commission (water resource developments in Washington, D.C. area):

—Approval of taking lines and general development plans for parks in stream valleys in Maryland and Virginia tributaries to the Potomac and Anacostia Rivers. Act of May 29, 1930; 46 Stat. 432 as amended.

Susquehanna River Basin Commission (management of water resources in the Susquehanna River basin):

—Review and approval of water resource projects. 84 Stat. 1509 *et seq.* (18 CFR Parts 801-803).

Tennessee Valley Authority (water resource developments and regulation in the Tennessee Valley region):

—Construction of dams, appurtenant works, or other waterway improvement activities affecting navigation, flood control, public lands or reservations on the Tennessee River System. 16 U.S.C. 831(y-1).

D. Watershed Protection and Soil Conservation

Department of Agriculture

• Agricultural Research Service (technical aspects of water and soil conservation).

• Agricultural Stabilization and Conservation Service (soil conservation; cost-sharing farm and forest conservation programs).

• Extension Service (extension programs in agricultural conservation).

• Farmers Home Administration (effects of housing, community, and business programs, and farmer programs on soil and water conservation; conservation loan programs).

• Forest Service (soil and water conservation, and their effects on National Forests and Grasslands; forest and range soil rehabilitation):

—Emergency soil and water conservation programs. 16 U.S.C. 2202, *et seq.*

• Soil Conservation Service (soil surveys; technical assistance in areas of soil, water, and related resource conservation for landowners and landusers through several multi-functional programs):

—Grants for Watershed Protection and Flood Prevention Act activities. 16 U.S.C. 1001, *et seq.* (7 CFR Part 620, *et seq.*, and 660).

—Land conservation and land utilization program. 7 U.S.C. 1010, *et seq.*

Department of Commerce

• National Oceanic and Atmospheric Administration (weather research, river and flood forecasting).

Department of Defense

• Army Corps of Engineers (dredging, flood control, control of aquatic plants, shoreline stabilization):

—For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

• Office of Policy, Safety, and Environment (effects of energy policies, programs and projects on watersheds).

Department of the Interior

• Fish and Wildlife Service (effects of soil erosion and watershed protection on endangered species and critical habitats, and on fish and wildlife resources in general):

—Consultation regarding small watershed projects of the Soil Conservation Service under the Watershed Protection and Flood Prevention and Flood Prevention Act. 16 U.S.C. 1008.

• Geological Survey (geology and hydrology in general; National Water Summary; erosion and sedimentation; engineering geology).

• Bureau of Indian Affairs (soil conservation and watershed protection on Indian lands).

• Bureau of Land Management (watershed protection and soil conservation on public lands).

• Bureau of Mines (hydraulic impacts of mining; revegetation and reclamation after mining).

• National Park Service (watershed protection and soil conservation on National Park System lands):

—Special use permits, grazing permits, permits to collect soil, rock, water, and plant specimens. 16 U.S.C. 1, *et seq.* (36 CFR Parts 1, 2 and 7).

• Bureau of Reclamation (soil and moisture conservation; hydrology; erosion control on public lands; water storage and delivery project; water resources research; analysis of Federal role in groundwater management).

• Office of Surface Mining Reclamation and Enforcement (effects of surface coal mining and reclamation operations on erosion, aquifers and alluvial valley floors).

Department of Transportation

• Federal Highway Administration (erosion control on highway projects; vegetation management on highway rights-of-way; highway drainage problems on watersheds).

Advisory Council on Historic Preservation (effects of watershed protection activities on historic properties).

Environmental Protection Agency (watershed protection and soil conservation in relation to pollution control).

Federal Emergency Management Agency (floodplain mapping and management, mitigation of natural hazards).

Federal Energy Regulatory Commission (effects of power projects):

—Regulation of development of water resources. 16 U.S.C. 791-825(r) (18 CFR Parts 4-25, 36, 131 and 141).

National Aeronautics and Space Administration (advanced technology for remote sensing of watersheds and soils).
Tennessee Valley Authority (watershed protection and soil conservation in the Tennessee Valley region).

E. Forest, Range, and Vegetative Resources (Includes Development, Production, Harvest and Transport of These Renewable Resources)

Department of Agriculture

- Agricultural Research Service (forest and range management).
- Agricultural Stabilization and Conservation Service (renewable resource conservation programs; Forestry Incentives Program; Water Bank Program).
- Economic Research Service and Statistical Reporting Service (economic and statistical data on renewable resources).
- Extension Service (rural extension programs in renewable resource conservation and management).
- Farmers Home Administration (resource conservation and development loan programs).
- Forest Service (forest and grassland productivity in general; fire management; timber sale, free use of timber and other renewable resources, timber management activities and grazing habitat management in National Forests and Grasslands):
 - Timber management. 16 U.S.C. 472, 528–531 and 1600–1614 (36 CFR Part 222).
 - Grazing permits. 43 U.S.C. 1901 (36 CFR Part 222).
 - Management and disposal of wild free-roaming horses and burros. 16 U.S.C. 1331–1340 (36 CFR Part 222, Subpart B).
 - Soil Conservation Service (watershed resources protection; soil conservation technology).

Department of Commerce

- National Oceanic and Atmospheric Administration (coastal and marine resources management and development).

Department of Defense

- Army Corps of Engineers (effects of activities in the waters of the U.S. on renewable resources):
 - For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Energy

- Bonneville Power Administration (renewable resource development in the Pacific Northwest):
 - Regional planning and conservation. 16 U.S.C. 839, *et seq.*

Department of the Interior

- Fish and Wildlife Service (effects of agriculture, forestry, and other renewable resource activities on endangered species and their critical habitats, National Wildlife Refuges and National Fish Hatchery systems, and other fish and wildlife resources).
- Geological Survey (effects of renewable resource activities on water resources and erosion; remote sensing of vegetation).
- Bureau of Indian Affairs (forest, range, and vegetative resources on Indian lands):

- Permits for grazing on Indian lands and on Federal lands under BIA jurisdiction. 5 U.S.C. 301; 25 U.S.C. 179, 345, 380, 393–394, 397, 402–403 and 413 (25 CFR Parts 166–168).
- Sale of timber from tribal and allotted lands. 25 U.S.C. 406–407, 413 and 466 (25 CFR Part 163).
- Permits, concessions, and leases on lands withdrawn or acquired in connection with Indian irrigation projects. 25 U.S.C. 390 (25 CFR Part 173).
- Leases for farming and other uses on Federal lands under BIA jurisdiction. 5 U.S.C. 301; 25 U.S.C. 380, 393–395, 397, 402–403, 413, 415, 477 and 635 (25 CFR Part 162).
- Bureau of Land Management (forest, range and vegetative resources on public lands):
 - Permits for use of rangelands. 43 U.S.C. 315 (43 CFR Group 4100).
 - Sale by contract of timber and other forest products. 30 U.S.C. 601, *et seq.*; 43 U.S.C. 315, 423, and 118(a) (43 CFR Group 5400).
 - Permits for free use of timber. 16 U.S.C. 604, *et seq.*; 30 U.S.C. 189; 48 U.S.C. 423 (43 CFR Part 5510).
 - Management and control of wild free-roaming horses and burros and agreements for their adoption. 16 U.S.C. 1331–1340 (43 CFR Group 4700).
 - National Park Service (effects of forest, range, and other vegetative resource activities on historical and recreational values and on National Park System areas):
 - Permits for farming and grazing. 16 U.S.C. Chapter 1, *et seq.* (36 CFR Parts 1, 2 and 7).
 - Bureau of Reclamation (water storage and delivery projects and irrigation projects in relation to forest, range, and other vegetative resource activities; evaluation of water policy alternatives):
 - Sale of farm units on Federal irrigation projects (statutory authority appears in individual project authorizations).
 - Office of Surface Mining Reclamation and Enforcement (effects of surface coal mining and reclamation operations on renewable resources):
 - Protection of prime farmlands during surface coal mining and reclamation operations. 30 U.S.C. 1265 (30 CFR Parts 785.17 and 823).

Department of Transportation

- Federal Highway Administration (development of forest haul and access roads, effects of highway projects on forest, range, and other vegetative resources).
- Advisory Council on Historic Preservation* (effects of renewable resource activities on historic properties).
- Environmental Protection Agency* (effects of pollution, pesticide, and other environmental quality controls on forest, range, and other vegetative resources).
- Interstate Commerce Commission* (freight rates for renewable resources).
- Tennessee Valley Authority* (effects of hydro-electric and other power developments on forest, range, and other vegetative resources; biomass production and use).

F. Fish and Wildlife

Department of Agriculture

- Agricultural Research Service (basic and applied research in animal and plant protection).
- Agricultural Stabilization and Conservation Service (fish and wildlife in relation to agricultural conservation and the Water Bank Program).
- Animal and Plant Health Inspection Service (animal and plant health in general; control of pests and diseases):
 - Prevention of importation or exportation of diseased livestock or poultry. 21 U.S.C. 102–105, 111 and 132(a)–134(f).
 - Farmers Home Administration (effects of farm housing, community, and business programs on fish and wildlife; conservation loan programs).
 - Forest Service (fish and wildlife habitat management in National Forests and Grasslands; use of fire in habitat management):
 - Fish and wildlife management (36 CFR Part 219.19).
 - Management and disposal of wild free-roaming horses and burros. 16 U.S.C. 1331–1340 (36 CFR Part 222, Subpart B).
 - Permits for hunting and fishing in refuge areas. 16 U.S.C. 551 and 683.
 - Soil Conservation Service (fish and wildlife habitat, fish ponds, and raceways):
 - Assistance to State and local sponsors, through a Small Watershed Program grant, for reservoir developments and stream modification projects including specific fish and wildlife habitat improvements. 16 U.S.C. 1001, *et seq.*, and 33 U.S.C. 701–1.

Department of Commerce

- National Oceanic and Atmospheric Administration (endangered species and critical habitats; coastal fish and wildlife management and protection):
 - Approval and funding of State coastal zone management programs. 16 U.S.C. 1451, *et seq.* (15 CFR Parts 923 and 930).
 - For other jurisdictional responsibilities, see PART IV. B.—Marine Resources.

Department of Defense

- Army Corps of Engineers (fish and wildlife mitigation measures at public works and navigable waterway projects, dredge and fill permits):
 - For jurisdictional responsibilities, see PART I. B.—Water Quality.
 - Department of the Air Force (bird/aircraft strike hazard reduction).

Department of Energy

- Bonneville Power Administration (fish and wildlife management and enhancement on power projects in the Pacific Northwest):
 - Regional planning and conservation. 16 U.S.C. 839, *et seq.*

Department of the Interior

- Fish and Wildlife Service (endangered species and their critical habitats; management of effects on fish and wildlife in general):

- Permits to take bald and golden eagles for scientific, religious and other purposes. 16 U.S.C. 668(a) (50 CFR Part 22).
- Permits for the taking and importation of marine mammals. 16 U.S.C. 1361, *et seq.* (50 CFR Part 18).
- Permits to export/import and to take for scientific and other purposes endangered or threatened wildlife and plants. 16 U.S.C. 1531, *et seq.* (50 CFR Part 17).
- Permits for the importation of injurious mammals, birds, fish and other wildlife. 16 U.S.C. 42–44 (40 CFR Part 16.22).
- Permits for export/import and interstate transportation of wildlife. 16 U.S.C. 42, *et seq.* (50 CFR Part 14).
- Permits for the banding and marking of migratory birds. 16 U.S.C. 703–711 (50 CFR Part 21.22).
- Consultations regarding Federal projects that may affect an estuarine area. 15 U.S.C. 1224.
- Permits to perform taxidermy services on migratory birds, nests and eggs for commercial uses. 16 U.S.C. 704 (50 CFR Part 21.24).
- Permits for special purpose uses of migratory birds. 16 U.S.C. 701, *et seq.* (50 CFR Part 21.27).
- Certificates or permits of exception to Convention on International Trade in Endangered Species. 16 U.S.C. 1531–1543 (50 CFR Part 23).
- Consultations regarding projects which may effect any threatened or endangered species or its critical habitats. 16 U.S.C. 1531, *et seq.* (50 CFR Part 402).
- Determination of critical habitats for endangered and threatened species of fish, wildlife, and plants. 16 U.S.C. 1531, *et seq.* (50 CFR Parts 17, 402 and 424).
- Endangered species exemption process. 16 U.S.C. 1531, *et seq.* (50 CFR Parts 450–453).
- Consultation regarding Federal or federally permitted projects which affect fish and wildlife resources under the Fish and Wildlife Coordination Act. 16 U.S.C. 661, *et seq.*
- U.S. Fish and Wildlife Service Mitigation Policy. 16 U.S.C. 661–667(e), 742(a)–754 and 1001–1009 (see 46 FR 7644 of Jan. 23, 1981).
- Restoration and enhancement of anadromous fishery resources through grants for fish ladders, new anadromous fish hatcheries, new fishways, etc. 16 U.S.C. 742(a)–742(j) (50 CFR Part 401).
- Improvement of sport fishery resources through grants to States under the Dingell-Johnson (D–J) Program. 16 U.S.C. 777–777(k) (50 CFR Part 80).
- Restoration and enhancement of wildlife populations and resources through grants to States under the Pittman-Robertson (P–R) Program. 16 U.S.C. 669, *et seq.* (50 CFR Part 80).
- Approval of conversion of use for State lands acquired, developed or improved with grants under the (1) Pittman-Robertson Act, (2) Dingell-Johnson Act, (3) Endangered Species Act and/or (4) Anadromous Fish Conservation Act. For (1)—16 U.S.C. 669 (50 CFR Parts 80.4 and 80.14); for (2)—16 U.S.C. 777 (50 CFR Parts 80.4 and 80.14); for (3)—16 U.S.C. 1535; and for (4)—16 U.S.C. 757 (a) and (b).
- Land acquisition, management, and other activities for endangered and threatened

- species through grants to States. 16 U.S.C. 1531–1543 (50 CFR Part 81).
 - Consultation concerning the protection of fish and wildlife refuges which may be impacted by transportation projects. 49 U.S.C. 303.
 - Geological Survey (water quality and quantity in relation to fish and wildlife resources).
 - Bureau of Indian Affairs (fish and wildlife resource management on Indian lands; off-reservation treaty fishing).
 - Bureau of Land Management (fish and wildlife management on public lands; wild horses and burros; endangered species and raptors; effects on fish and wildlife of power lines and other major projects crossing public lands).
 - Management and disposal of wild free-roaming horses and burros. 16 U.S.C. 1331–1340 (43 CFR Part 4700).
 - National Park Service (fishing, hunting and other outdoor recreational pursuits, fish and wildlife management in National Park System areas):
 - Permits for collecting animal specimens from National Park System areas. 16 U.S.C. 1, *et seq.* (36 CFR Part 2).
 - Licenses and permits for sport or commercial fishing in certain National Park System areas. (36 CFR Part 2).
 - Disposition of surplus animals from National Park System areas. (36 CFR Part 10).
 - Bureau of Reclamation (fish and wildlife management on water storage and delivery projects; hunting and fishing on project lands; mitigation measures; limnology).
 - Office of Surface Mining Reclamation and Enforcement (effects of surface mining and reclamation operations on fish and wildlife).
- Department of Health and Human Services*
- Public Health Service: Centers for Disease Control (fish and wildlife in relation to human health); Food and Drug Administration (contamination of fish and shellfish with toxics).
- Department of State* (international issues concerning fish and wildlife, including migratory birds and marine mammals).
- Department of Transportation*
- Office of the Secretary (general effects of transportation projects on fish and wildlife refuges):
 - Approval of transportation programs or projects that require the use of or have a significant impact on wildlife and waterfowl refuges. 49 U.S.C. 303.
 - Federal Highway Administration (effects of highway projects on fish and wildlife habitat, and wildlife and waterfowl refuges):
 - Preservation of park and recreation areas, and wildlife and waterfowl refuges. 23 U.S.C. 138 (23 CFR Part 771).
 - Federal Aviation Administration (bird-aircraft strike hazard reduction).
 - Coast Guard (enforcement of laws affecting Fishery Management Zones).
- Environmental Protection Agency* (effects of pollution control and water quality on fish and wildlife).

Marine Mammal Commission (conservation and protection of marine mammals and their habitat):

- Consultation and oversight responsibility for activities affecting marine mammals. 16 U.S.C. 1402.
 - Review of permit applications for taking and importation of marine mammals and marine mammal products. 16 U.S.C. 1371(a).
- National Science Foundation* (conservation of antarctic animals, plants, and ecosystems):
- Permits for the taking or collecting of Antarctic animals and plants, and for entry into certain designated areas. 16 U.S.C. 2401, *et seq.* (45 CFR Part 670)
- Tennessee Valley Authority* (fish and wildlife management and conservation in the Tennessee Valley).

G. Non-Energy Mineral Resources

Department of Agriculture

- Forest Service (mineral resources development in National Forests and Grasslands; reclamation of disturbed lands):
 - Permits and rights-of-way on National Forest System lands. 16 U.S.C. 471–472, 478, 495, 497–498, 525, 528, 531–538, 551, 572 and 580 (36 CFR Parts 212, 251 and 261).
 - Surface use of public domain lands under U.S. mining laws. 16 U.S.C. 478 and 551 (36 CFR Part 228).
 - Mineral development on acquired lands. For solid (hardrock) minerals—16 U.S.C. 520 (43 CFR Part 3500); for phosphate, sodium, potassium and sulphur—30 U.S.C. 351, *et seq.*
 - Soil Conservation Service (abandoned mine land and mine reclamation).

Department of Commerce

- National Oceanic and Atmospheric Administration (air and water pollution from mining; offshore and coastal mining; port planning; management and protection of coastal and marine resources):
 - Approval of licenses for deep seabed hard mineral exploration and development. 30 U.S.C. 1401, *et seq.* (15 CFR Part 970).

Department of Defense

- Army Corps of Engineers (effects of mineral development on navigable waters):
 - For jurisdictional responsibilities, see PART I. B.—Water Quality.

Department of Housing and Urban Development

- Office of Housing (subsidence from mining operations and soil factors related to housing).

Department of the Interior

- Fish and Wildlife Service (effects of mineral development on endangered species and their critical habitats, National Wildlife Refuge and National Fish Hatchery Systems, and other fish and wildlife resources):
 - Easements/permits for transmission line, pipelines and other rights-of-way across National Wildlife Refuge and National Fish Hatchery System land. For refuges—16 U.S.C. 668 dd, *et seq.*; for hatcheries—43

- U.S.C. 931 c and (50 CFR Parts 25.41 and 29.21).
- Permits for rights-of-way across National Wildlife Monuments (Alaska only). 16 U.S.C. 432, 460(k-3) and 742(f) (50 CFR Part 96).
- Geological Survey (mineral resources in general, with emphasis on strategic and critical minerals; mineral resources assessment on public lands).
- Bureau of Indian Affairs (effects on Indian lands of mineral operations):
 - Leases and permits on Indian lands. 25 U.S.C. 380, 393-395, 397, 402-403, 413, 415, 477 and 635 (25 CFR Part 162).
 - Rights-of-way over Indian lands. 25 U.S.C. 311-321 and 323-328 (25 CFR Part 169).
 - Mining leases on Indian lands. 25 U.S.C. 356, 396, 476-477 and 509 (25 CFR Parts 211-215 and 226-227).
- Permits for surface exploration and reclamation. 25 U.S.C. 355, 396, 473 and 501-502 (25 CFR Part 216).
- Bureau of Land Management (mineral development on public lands):
 - Easements/leases/permits for use, occupancy and development of public lands. 43 U.S.C. 1732 (43 CFR Subchapters 2000 and 3000).
 - Exploration licenses for leasable minerals on unleased land. 30 U.S.C. 181, *et seq.* and 201(b) (43 CFR Parts 3400 and 3480).
 - Leases for phosphate, sodium, potassium, etc., exploration and mining. 30 U.S.C. 181, *et seq.* (43 CFR Group 3500 and Part 3570).
 - Permits for sand, stone and gravel. 30 U.S.C. 601 and 602.
 - Leases, permits and licenses for mining in Wild and Scenic River System areas. 16 U.S.C. 1280 (each area has special Federal Regulations).
 - Concurrence for placer mining use of the surface of public lands withdrawn or reserved for power development or for a power site. 30 U.S.C. 621 (43 CFR Part 3730).
 - Leases and permits for sulfur in Louisiana and New Mexico. 30 U.S.C. 271, *et seq.* (43 CFR Group 3500).
 - Easements/permits for rights-of-way. 30 U.S.C. 185 and 43 U.S.C. 1701, *et seq.* (43 CFR Parts 2800-2887).
 - Minerals Management Service (mineral development on the outer continental shelf):
 - Leases for minerals on the outer continental shelf. 43 U.S.C. 1331-1343 (30 CFR Parts 250, 251, 252 and 256).
 - Permits for exploration and development activities on Federal leases on the outer continental shelf. 43 U.S.C. 1331, *et seq.* (30 CFR Parts 250 and 251).
 - Permits for geological and geophysical exploration on the outer continental shelf. 43 U.S.C. 1334 (30 CFR Part 251).
 - Approval of geological geophysical exploration plans. 43 U.S.C. 1340 (30 CFR Part 251).
 - Permits for artificial islands, platforms, and other fixed structures on any Federal or State outer continental shelf lease. 43 U.S.C. 1334-1335 (30 CFR 250.18 and 250.19).
 - Bureau of Mines (mining, milling, and mineral land assessments):

- Agreements to dispose of helium of the United States. 43 U.S.C. 1201 and 30 U.S.C. 180, *et seq.* (43 CFR Part 18).
- National Park Service (effects of mineral development on public park, recreation and cultural/historical resources and values, and on National Park System areas):
 - Permits, leases and easements for rights-of-way, grazing and other uses on National Park System areas. 16 U.S.C. 1, *et seq.* (36 CFR Parts 9 and 14).
 - Leases, permits and licenses for mining on National Park System lands involved in National Wild and Scenic Rivers System. 16 U.S.C. 1280.
 - Access permits for mining activity within the National Park System. 16 U.S.C. 1902 and 1908; 30 U.S.C. 21, *et seq.* (36 CFR Part 9).
 - Bureau of Reclamation (effects of mineral development on water storage and delivery projects):
 - Easements/permits for access, pipeline, and other rights-of-way. 43 U.S.C. 3871.

Department of Labor

- Mining Safety and Health Administration (safety and health issues in mining operations).
- Occupational Safety and Health Administration (general worker safety and health issues).
- Department of State (international aspects of mineral development):
 - Facilities for export/import of minerals. Executive Order 11423.

Department of Transportation

- Coast Guard (vessel transport of minerals):
 - Ports and waterways safety. 33 U.S.C. 1221 (33 CFR Part 160, *et seq.*).
 - Maritime Administration (dry bulk shipping of coal and other minerals in the inland waterways, domestic ocean, Great Lakes, and U.S. foreign trades).

Advisory Council on Historic Preservation (effects of mineral development activities on historic properties).

Environmental Protection Agency (pollution control and other environmental effects of minerals development):

- For jurisdictional responsibilities, see PART I—POLLUTION CONTROL.

H. Natural Resource Conservation

Department of Agriculture

- Agricultural Stabilization and Conservation Service (natural resource conservation programs; Forestry Incentives Program; Water Bank Program).
- Agricultural Research Service (research in technical aspects of soil and water conservation and forest and range management).
- Extension Service (rural area extension programs in conservation).
- Farmers Home Administration (farmer loan programs related to natural resource conservations).
- Forest Service (conservation of forest and rangeland resources; use of fire as a management tool).

- Soil Conservation Service (soil, water, and related resources conservation technology):
 - Land conservation and utilization program. 7 U.S.C. 1010, *et seq.*
 - Watershed protection, conservation and utilization of land and water resources. 16 U.S.C. 1001, *et seq.*
 - Soil and water resources conservation. 16 U.S.C. 2001, *et seq.*

Department of Commerce

- National Oceanic and Atmospheric Administration (coastal and marine resources management and protection; national estuarine and marine sanctuaries; coastal energy facility planning and siting in State coastal zone management programs).

Department of Energy

- Bonneville Power Administration (resource conservation in the Pacific Northwest):
 - Regional planning and conservation. 16 U.S.C. 839, *et seq.*
 - Office of Policy, Safety, and Environment (general energy policies, programs and projects in relation to conservation).

Department of the Interior

- Fish and Wildlife Service (conservation of, and effects of conservation on, endangered species and their critical habitats, and other fish and wildlife resources; conservation in National Wildlife Refuge and National Fish Hatchery System areas).
- Geological Survey (conservation of water and mineral resources).
- Bureau of Indian Affairs (conservation of Indian lands).
- Bureau of Land Management (conservation on public lands).
- Minerals Management Service (conservation in relation to minerals management activities on the outer continental shelf).
- Bureau of Mines (conservation of mineral resources and land, air, and water resources associated with mineral deposits).
- National Park Service (conservation in relation to urban parks, outdoor recreation, historical and cultural resources, National Trails Systems, Wild and Scenic Rivers System, and the National Park System).
- Bureau of Reclamation (conservation in relation to water storage and delivery projects, water resources, and desalinization; Soil and Moisture Conservation Program; development of water policy options; National Water Summary).
- Office of Surface Mining Reclamation and Enforcement (conservation in relation to surface coal mining and reclamation operations).
- Environmental Protection Agency* (resource recovery from wastes; pollution and other environmental controls):
 - Solid Waste Disposal Act permits. 42 U.S.C. 3251 *et seq.*, and 6901, *et seq.* (40 CFR Parts 122, 123 and 124).
 - Guidelines on solid waste collection and storage for Federal assistance. 42 U.S.C. 6907 (40 CFR Part 243).

- Resource recovery facilities. 42 U.S.C. 6907 (40 CFR Part 245).
- Materials recovery and solid waste management guidelines for source separation. 42 U.S.C. 6907 (40 CFR Part 246).
- Solid waste management guidelines for beverage containers. 42 U.S.C. 6907 (40 CFR Part 244).

Federal Energy Regulatory Commission (relation of conservation to hydroelectric power development and natural gas facilities).

National Science Foundation (conservation of antarctic animals, plants, and ecosystems):

- Permits for the taking or collecting of antarctic animals and plants, and for entry into certain designated areas. 16 U.S.C. 2401, *et seq.* (45 CFR Part 670).

Tennessee Valley Authority (soil and other natural resource conservation in the Tennessee Valley region).

Appendix III—Federal and Federal-State Agency Offices for Receiving and Commenting on Other Agencies' Environmental Documents

DEPARTMENTS

Department of Agriculture

Send request to the Departmental office for comments on environmental documents about legislation, regulations, national program proposals or other major policy issues. For other comment requests, send to the listed office of the departmental components.

Assistant Secretary for Natural Resources and Environment, Department of Agriculture; Attn: Executive Secretary, Natural Resources and Environment Committee; Room 242-W, Administration Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-5166.

Department of Agriculture Components

Agricultural Research Service: Deputy Administrator, National Program Staff, Agricultural Research Service, Department of Agriculture, Room 125, Bldg. 005, Agricultural Research Center-West, Beltsville, MD 20705-2350. (301) 344-3084.

Agricultural Stabilization and Conservation Service: Chief, Planning and Evaluation Branch, Conservation and Environmental Protection Division, Agricultural Stabilization and Conservation Service, Department of Agriculture, Room 4714, South Agriculture Bldg., P.O. Box 2415; Wash., D.C. 20013-2415. (202) 447-3264.

Animal and Plant Health Inspection Service: Environmental Coordinator, Animal and Plant Health Inspection Service, Department of Agriculture, Room 600, Federal Bldg., 6505 Belcrest Road, Hyattsville, MD 20782-2058. (301) 436-8896.

Economic Research Service: Director, Natural Resource Economics Division, Economic Research Service, Department of Agriculture, Room 412, GHI Bldg., 500 12th St., SW, Wash., D.C. 20250-0001. (202) 447-8239.

Extension Service: Deputy Administrator, Natural Resources and Rural Development, Extension Service, Department of Agriculture,

Room 3909, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-7947.

Farmers Home Administration: Environmental Protection Specialist, Program Support Staff, Farmers Home Administration, Department of Agriculture, Room 6309, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 382-9619.

Food Safety and Inspection Service: Director, Regulations Office, Food Safety and Inspection Service, Department of Agriculture, Room 2940, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 447-3317.

Rural Electrification Administration: Environmental Policy Specialist, Engineering Standards Division, Rural Electrification Administration, Department of Agriculture, Room 1257, South Agriculture Bldg., 14th St. and Independence Ave., SW, Wash., D.C. 20250-0001. (202) 382-0097.

Soil Conservation Service: National Environmental Coordinator, Environmental Activities Branch, Ecological Sciences Division, Soil Conservation Service, Department of Agriculture, Room 6155, South Agriculture Bldg., P.O. Box 2890, Wash., D.C. 20013-2890. (202) 447-4912.

U.S. Forest Service

For actions of national or inter-regional scope, send comment request and documents to Wash., D.C. For actions of a regional, State or local scope, send comment request and documents to the Regional Forester and Area Director in whose area the proposed action (e.g., highway or water resource construction project) will take place.

Director, Environmental Coordination Staff, Forest Service, Department of Agriculture, Room 4204, South Agriculture Bldg., P.O. Box 2417, Wash., D.C. 20013-2417. (202) 447-4708.

Region 1, Northern Region (northern ID, MT, ND, and northwest SD): Regional Forester, Northern Region, Forest Service, USDA, Federal Bldg., P.O. Box 7669, Missoula, MT 59807-7669. (406) 329-3011; (FTS) 585-3316.

Region 2, Rocky Mountain Region (CO, KS, NE, SD, and eastern WY): Regional Forester, Rocky Mountain Region, Forest Service, USDA, 11177 W. 8th Ave., Box 25127, Lakewood, CO 80225-0127. (303) 234-3711.

Region 3, Southwestern Region (AZ, and NM): Regional Forester, Southwestern Region, Forest Service, USDA, Federal Bldg., 517 Gold Ave., SW, Albuquerque, NM 87102-3156. (505) 476-3300.

Region 4, Intermountain Region (southern ID, NV, UT, and western WY): Regional Forester, Intermountain Region, Forest Service, USDA, Federal Bldg., 324 25th St., Ogden, UT 84401-2310. (801) 625-5605; (FTS) 586-5605.

Region 5, Pacific Southwest Region (CA and HI): Regional Forester, Pacific Southwest Region, Forest Service, USDA, 630 Sansome St., San Francisco, CA 94111-2206. (415) 556-4310.

Region 6, Pacific Northwest Region (OR and WA): Regional Forester, Pacific Northwest Region, Forest Service, USDA, 319 SW Pine St., P.O. Box 3623, Portland, OR 97208-3623. (503) 211-3625; (FTS) 423-3625.

Region 8, Southern Region (AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA, PR, and VI): Regional Forester, Southern Region, Forest Service, USDA, 1720 Peachtree Road, NW, Atlanta, GA 30367-9101. (404) 881-4177; (FTS) 257-4177.

Region 9, Eastern Region (CT, DE, IA, IL, IN, MA, MD, ME, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, WI, and WV): Regional Forester, Eastern Region, Forest Service, USDA, Henry S. Reuss Federal Plaza, Suite 500, 310 W. Wisconsin Ave., Milwaukee, WI 53203-2211. (414) 291-3693; (FTS) 362-3600.

Region 10, Alaska Region (AK): Regional Forester, Alaska Region, Forest Service, USDA, Federal Office Building, Box 1628, Juneau, AK 99802-1628. (907) 586-7263.

Northeastern State and Private Forestry Area (Same as Region 9, above): Director, Northeastern State and Private Forestry Area, Forest Service, USDA, 370 Reed Road, Broomall, PA 19008-4086. (215) 461-3125; (FTS) 489-3125.

(In Regions 1 through 6, 8 and 10, State and private activities of the Forest Service are handled at regional offices.)

Department of Commerce

Chief, Ecology and Conservation Division, Office of Policy and Planning, National Oceanic and Atmospheric Administration, Department of Commerce, Room H6111, Herbert Hoover Bldg., 14th St. and Constitution Ave., NW, Wash., D.C. 20230-0001. (202) 377-5181.

Department of Defense

Send comment request and documents about legislation, regulations, national program proposals or other major policy issues to Department of Defense, except for the Corps of Engineers. For other comment requests, send to the listed office of the departmental components.

Director, Environmental Policy, Office of the Assistant Secretary of Defense (Manpower, Installations and Statistics), Department of Defense, Room 3D833, The Pentagon, Wash., D.C. 20301-0001. (202) 695-7820.

Department of Defense Components

Defense Logistics Agency: Staff Director, Office of Installation Services and Environmental Protection, Defense Logistics Agency, Department of Defense, Cameron Station, Room 4D446, Alexandria, VA 22304-6100. (202) 274-6124.

Department of the Air Force: Deputy for Environment and Safety; Office of the Deputy Assistant Secretary for Installations, Environment and Safety; Department of the Air Force, Room 4C916, The Pentagon, Wash., D.C. 20330-0001. (202) 697-9297.

Department of the Army: Chief, Army Environmental Office; Attn: HQDA (DAEN-ZCE); Department of the Army, Room 1E676, The Pentagon, Wash., D.C. 20310-2600. (202) 694-3434.

Department of the Navy: Director, Environmental Protection and Occupational Safety and Health Division (OP-453), Office of the Chief of Naval Operations, Department of the Navy, Bldg. 200, Room 5-3, Washington Navy Yard, Wash., D.C. 20374-0001. (202) 433-2426.

U.S. Marine Corps: Head, Land Resources and Environmental Branch, Code: LFL, U.S. Marine Corps, Commonwealth Bldg., Room 614, 1300 Wilson Blvd., Arlington, VA. (202) 694-9237/38. MAILING ADDRESS: Commandant, U.S. Marine Corps, ATTN: Land Resources and Environmental Branch, Code: LFL, Wash., D.C. 20380-0001.

Corps of Engineers

Send comment request and documents about legislation, regulations, national program proposals or other major policy issues to:

Assistant Director of Civil Works, Environmental Programs (DAEN-CWZ-P), Office of the Chief of Engineers, Room 7233, Pulaski Bldg., 20 Massachusetts Ave., NW, Wash., D.C. 20314-1000. (202) 272-0103.

Send comment request and documents for other Federal actions to the Corps' District Engineer or the Division Engineer, in the case of Pacific Ocean and New England Division, in whose area the action will take place. If the action involves more than one Corps District, increase number of copies accordingly but send all to District Engineer primarily involved. For a map showing the Corps' Division and District Boundaries, contact the Director of Civil Works cited above.

- Division Engineer, U.S. Army Corps of Engineers, New England Division, 424 Trapelo Rd., Waltham, MA 02254-9194. (617) 647-8220; (FTS) 839-7220.

- District Engineer, U.S. Army Corps of Engineers, New York District, 26 Federal Plaza, New York, NY 10278-0022. (212) 264-0100.

- District Engineer, U.S. Army Corps of Engineers, Philadelphia District, U.S. Custom House, 2nd and Chestnut Sts., Philadelphia, PA 19106-2912. (215) 597-4848.

- District Engineer, U.S. Army Corps of Engineers, Baltimore District, P.O. Box 1715, Baltimore MD 21203-1715. (301) 962-4545; (FTS) 922-4545.

- District Engineer, U.S. Army Corps of Engineers, Norfolk District, 803 Front St., Norfolk, VA 23510-1096. (804) 441-3601; (FTS) 827-3601.

- District Engineer, U.S. Army Corps of Engineers, Wilmington District, P.O. Box 1890, Wilmington, NC 28402-1890. (919) 343-4501; (FTS) 671-4501.

- District Engineer, U.S. Army Corps of Engineers, Charleston District, P.O. Box 919, Charleston, SC 29402-0919. (803) 724-4229; (FTS) 677-4229.

- District Engineer, U.S. Army Corps of Engineers, Savannah District, P.O. Box 889, Savannah, GA 31402-0889. (912) 944-5224; (FTS) 248-5224.

- District Engineer, U.S. Army Corps of Engineers, Jacksonville District, P.O. Box 4970, Jacksonville, FL 32201-4970. (904) 791-2241; (FTS) 946-2241.

- District Engineer, U.S. Army Corps of Engineers, Mobile District, P.O. Box 2288, Mobile, AL 36628-0001. (205) 690-2511; (FTS) 537-2511.

- District Engineer, U.S. Army Corps of Engineers, Vicksburg District, P.O. Box 60, Vicksburg, MS 39180-0060. (601) 634-5010; (FTS) 542-5010.

- District Engineer, U.S. Army Corps of Engineers, New Orleans District, P.O. Box

60267, New Orleans, LA 70160-0267. (504) 838-2204.

- District Engineer, U.S. Army Corps of Engineers, Memphis District, B-314 Clifford Davis Federal Bldg., Memphis, TN 38103-1816. (901) 521-3221; (FTS) 222-3221.

- District Engineer, U.S. Army Corps of Engineers, St. Louis District, 210 Tucker Blvd. North, St. Louis, MO 63101-1947. (314) 263-5660; (FTS) 273-5660.

- District Engineer, U.S. Army Corps of Engineers, Nashville District, P.O. Box 1070, Nashville, TN 37202-1070. (615) 251-5626; (FTS) 852-5626.

- District Engineer, U.S. Army Corps of Engineers, Louisville District, P.O. Box 59, Louisville, KY 40201-0059. (502) 582-5601; (FTS) 352-5601.

- District Engineer, U.S. Army Corps of Engineers, Huntington District, 502 8th St., Huntington, WV 25701-2070. (304) 529-5395; (FTS) 942-5395.

- District Engineer, U.S. Army Corps of Engineers, Pittsburgh District, William S. Moorehead Federal Bldg., 1000 Liberty Ave., Pittsburgh, PA 15222-4004. (412) 644-6800; (FTS) 722-6800.

- District Engineer, U.S. Army Corps of Engineers, Buffalo District, 1776 Niagara St. Buffalo, NY 14207-3199. (716) 876-5454, x2200; (FTS) 473-2200.

- District Engineer, U.S. Army Corps of Engineers, Chicago District, 219 S. Dearborn St., Chicago, IL 60604-1702. (312) 353-6400.

- District Engineer, U.S. Army Corps of Engineers, Rock Island District, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004. (309) 788-6361, x6224; (FTS) 386-6011.

- District Engineer, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI 48231-1027. (313) 226-6762.

- District Engineer, U.S. Army Corps of Engineers, St. Paul District, 1135 USPO & Custom House, St. Paul, MN 55101-1479. (612) 725-7501.

- District Engineer, U.S. Army Corps of Engineers, Kansas City District, 700 Federal Bldg., 601 E. 12th St., Kansas City, MO 64106-2826. (816) 374-3201; (FTS) 758-3201.

- District Engineer, U.S. Army Corps of Engineers, Omaha District, 6014 USPO and Courthouse, Omaha, NE 68102-4910. (402) 221-3900; (FTS) 864-3900.

- District Engineer, U.S. Army Corps of Engineers, Little Rock District, P.O. Box 867, Little Rock, AR 72203-0867. (501) 378-5531; (FTS) 740-5531.

- District Engineer, U.S. Army Corps of Engineers, Tulsa District, P.O. Box 61, Tulsa, OK 74121-0061. (918) 581-7311; (FTS) 745-7311.

- District Engineer, U.S. Army Corps of Engineers, Galveston District, P.O. Box 1229, Galveston, TX 77553-1229. (409) 766-3006; (FTS) 527-6006.

- District Engineer, U.S. Army Corps of Engineers, Fort Worth District, P.O. Box 17300, Fort Worth, TX 76102-0300. (817) 334-2300.

- District Engineer, U.S. Army Corps of Engineers, Albuquerque District, P.O. Box 1580, Albuquerque, NM 87103-1580. (505) 766-2732; (FTS) 474-2732.

- District Engineer, U.S. Army Corps of Engineers, Los Angeles District, P.O. Box 2711, Los Angeles, CA 90053-2325. (213) 688-5300; (FTS) 798-5300.

- District Engineer, U.S. Army Corps of Engineers, San Francisco District, 211 Main Street, San Francisco, CA 94105-1905. (415) 974-0358; (FTS) 454-0358.

- District Engineer, U.S. Army Corps of Engineers, Sacramento District, 650 Capitol Mall, Sacramento, CA 95814-4708. (916) 440-2232; (FTS) 448-2232.

- District Engineer, U.S. Army Corps of Engineers, Portland District, P.O. Box 2946, Portland, OR 97208-2946. (503) 221-6000; (FTS) 423-6000.

- District Engineer, U.S. Army Corps of Engineers, Walla Walla District, Bldg. 602, City-County Airport, Walla Walla, WA 99362-9265. (509) 525-6509, ext. 100; (FTS) 434-6509.

- District Engineer, U.S. Army Corps of Engineers, Seattle District, P.O. Box C-3755, Seattle, WA 98124-2255. (206) 764-3690; (FTS) 399-3690.

- District Engineer, U.S. Army Corps of Engineers, Alaska District, Pouch 898, Anchorage, AK 99506-0001. (907) 279-1132.

- Division Engineer, U.S. Army Corps of Engineers, Pacific Ocean Division, Building 230, Ft. Shafter, HA. 96858-4910. (808) 438-1500.

Department of Energy

Director, Office of Environmental Compliance (PE-25), Department of Energy, Room 4C-085, Forrestal Building, 1000 Independence Ave., SW, Wash., D.C. 20585-0001. (202) 252-4600.

Department of Health and Human Services

Departmental Environmental Officer, Office of Management Analysis and Systems, Department of Health and Human Services, Room 542 E, Hubert H. Humphrey Bldg., 200 Independence Ave., SW, Wash., D.C. 20201-0001. (202) 245-7354.

Department of Housing and Urban Development

Send comment request and documents about legislation, regulations, national program proposals and other major policy issues to Wash., D.C. Send comment request and documents about other Federal actions to the Regional Environmental Officer in whose area the action will take place.

Director, Office of Environment and Energy, Department of Housing and Urban Development, Room 7154, HUD Bldg., 451 Seventh St., SW, Wash., D.C. 20410-0001. (202) 755-7894.

Federal Region I: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Bulfinch Bldg., 15 New Chardon St., Boston, MA 02114-2598. (617) 223-1620.

Federal Region II: Regional Environmental Officer, U.S. Department of Housing and Urban Development, 26 Federal Plaza, New York, NY 10278-0022. (212) 264-5806.

Federal Region III: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Curtis Building, 148 S. 6th St., Philadelphia, PA 19106-3313. (215) 597-3903.

Federal Region IV: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Richard B. Russell

Federal Bldg., 75 Spring St., SW, Atlanta, GA 30303-3309. (404) 221-5197; (FTS) 242-5197.

Federal Region V: Regional Environmental Officer, U.S. Department of Housing and Urban Development, 300 S. Wacker Dr., Chicago, IL 60606-6606. (312) 353-1696.

Federal Region VI: Regional Environmental Officer, U.S. Department of Housing and Urban Development, 221 W. Lancaster Ave., P.O. Box 2905, Ft. Worth, TX 76113-2905. (817) 870-5482; (FTS) 728-5482.

Federal Region VII: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Professional Bldg., 1103 Grand Ave., Kansas City, MO 64106-2496. (816) 374-3192; (FTS) 758-3192.

Federal Region VIII: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Executive Tower Bldg., 1405 Curtis St., Denver, CO 80202-2394. (303) 837-3102; (FTS) 327-3102.

Federal Region IX: Regional Environmental Officer, U.S. Department of Housing and Urban Development, 450 Golden Gate Ave., P.O. Box 36003, San Francisco, CA 94102-3448. (415) 556-6642.

Federal Region X: Regional Environmental Officer, U.S. Department of Housing and Urban Development, 3051 Arcade Plaza Building, 1321 Second Ave., Seattle, WA 98101-2058. (206) 442-4521; (FTS) 399-4521.

Department of the Interior

Director, Office of Environmental Project Review, Department of the Interior, Room 4241, Interior Bldg., 18th and C Sts., NW, Wash., D.C. 20240-0001. (202) 343-3891.

Department of Labor

Director, Office of Regulatory Economics, Assistant Secretary for Policy, Department of Labor, Room S-2312, Frances Perkins Bldg., 200 Constitution Ave., NW, Wash., D.C. 20210-0001. (202) 523-6197.

Department of State

Director, Office of Environment and Health, Department of State, Room 4325, State Department Bldg., 21st and C Sts., NW, Wash., D.C. 20520-0001. (202) 632-9286.

Department of Transportation

For documents about legislation, regulations, national program proposals and any action with national policy implications, send comment request and documents to DOT's Office of Economics shown below. For an action which may involve more than one modal administration within DOT, send comment request and documents to the DOT Regional Secretarial Representative in whose area the action will take place. If the action involves more than one region, send request to each Regional Secretarial Representative (DOT will coordinate to provide a consolidated response). For an action which may involve only one modal administration, send comment request and documents to the regional office of the modal administration in whose area the action will take place but, if in doubt, send material to DOT's Regional Secretarial Representative.

Deputy Director for Environment and Policy Review, Office of Economics, Department of Transportation, Room 10309,

Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-4357.

DOT Regional Secretarial Representatives

Federal Regions I, II and III: Secretarial Representative, U.S. Department of Transportation, Independence Bldg., Suite 1000, 430 Walnut St., Philadelphia, PA 19106-3714. (215) 597-9430.

Federal Region IV: Secretarial Representative, U.S. Department of Transportation, Suite 515, 1720 Peachtree Rd., NW, Atlanta, GA 30309-2405. (404) 881-3738; (FTS) 257-3738.

Federal Region V: Secretarial Representative, U.S. Department of Transportation, Room 700, 300 S. Wacker Dr., Chicago, IL 60606-6607. (312) 353-4000.

Federal Region VI: Secretarial Representative, U.S. Department of Transportation, Room 7A29, 819 Taylor St., Fort Worth, TX 76102-6114. (817) 334-2725.

Federal Regions VII and VIII: Secretarial Representative, U.S. Department of Transportation, Room 634, 601 E. 12th St., Room 634, Kansas City, MO 64106-2879. (816) 374-5801; (FTS) 758-5801.

Federal Regions IX and X: Secretarial Representative, U.S. Department of Transportation, Room 1005, 211 Main St., San Francisco, CA 94105-1924. (415) 974-8464; (FTS) 454-8464.

Federal Aviation Administration

New England Region (CT, ME, MA, NH, RI, and VT): Regional Director, Federal Aviation Administration, 12 New England Executive Park, P.O. Box 510, Burlington, MA 01803-0933. (617) 273-7244; (FTS) 836-1244.

Eastern Region (DE, DC, MD, NJ, NY, PA, VA, and WV): Regional Director, Federal Aviation Administration, Fitzgerald Building, JFK International Airport, Jamaica, NY 11430-2181. (212) 917-1005; (FTS) 687-1005.

Southern Region (AL, FL, GA, KY, MS, NC, PR, Republic of Panama, SC, and TN): Regional Director, Federal Aviation Administration, P.O. Box 20636, Atlanta, GA 30320-0636. (404) 763-7222; (FTS) 246-7222.

Great Lakes Region (IL, IN, MI, MN, ND, OH, SD, and WI): Regional Director, Federal Aviation Administration, 2300 East Devon Ave., Des Plaines, IL 60018-4686. (312) 694-7294; (FTS) 384-7294.

Southwest Region (AR, LA, NM, OK, and TX): Regional Director, Federal Aviation Administration, P.O. Box 1689, Fort Worth, TX 76101-1689. (817) 877-2100; (FTS) 734-2100.

Central Region (IA, KS, MO, and NE): Regional Director, Federal Aviation Administration, 601 E. 12th St., Kansas City, MO 64106-2894. (816) 374-5628; (FTS) 758-5628.

Western-Pacific Region (AZ, CA, HI, and NV): Regional Director, Federal Aviation Administration, P.O. Box 92007, World Way Postal Center, Los Angeles, CA 90009-2007. (213) 536-6427; (FTS) 966-6427.

Northwest Mountain Region (CO, ID, MT, OR, UT, WA, and WY): Regional Director, Federal Aviation Administration, 17900 Pacific Highway South, Seattle, WA 98168-0968. (206) 431-2001; (FTS) 446-2001.

Alaskan Region (AK): Regional Director, Federal Aviation Administration, P.O. Box 14,

701 C St., Anchorage, AK 99513-0001. (907) 271-5645.

Federal Highway Administration

Federal Regions I and II: Regional Administrator, Federal Highway Administration, 729 Leo W. O'Brien Federal Bldg., Clinton Ave. and N. Pearl St., Albany, NY. 12207-2396. (518) 472-6476; (FTS) 562-6476.

Federal Region III: Regional Administrator, Federal Highway Administration, Room 1633, George H. Fallon Federal Office Building, 31 Hopkins Plaza, Baltimore, MD 21201-2825. (301) 962-0093; (FTS) 922-2773.

Federal Region IV: Regional Administrator, Federal Highway Administration, Suite 200, 1720 Peachtree Road, NW, Atlanta, GA 30309-2405. (404) 881-4078; (FTS) 257-4078.

Federal Region V: Regional Administrator, Federal Highway Administration, 18209 Dixie Highway, Homewood, IL 60430-2205. (312) 799-6300; (FTS) 370-9102.

Federal Region VI: Regional Administrator, Federal Highway Administration, 819 Taylor St., Fort Worth, TX 76102-6187 (817) 334-3908; (FTS) 334-3232.

Federal Region VII: Regional Administrator, Federal Highway Administration, 6301 Rockhill Rd., Kansas City, MO 64131-1117. (816) 926-7563; (FTS) 926-7490.

Federal Region VIII: Regional Administrator, Federal Highway Administration, 555 Zang St., P.O. Box 25246, Denver, CO 80225-0246. (303) 234-4051.

Federal Region IX: Regional Administrator, Federal Highway Administration, 211 Main St., Room 1100, San Francisco, CA 94105-1905. (415) 974-8450; (FTS) 454-8450.

Federal Region X: Regional Administrator, Federal Highway Administration, Room 412, Mohawk Building, 708 S.W. Third St., Portland, OR 97204-2489. (503) 221-2053; (FTS) 423-2065.

Federal Railroad Administration: Director, Office of Economic Analysis (RRP-30), Federal Railroad Administration, Room 8300, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-7391.

Maritime Administration: Head, Environmental Activities Group (MAR-700.4), Maritime Administration, Room 2120, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-5739.

National Highway Traffic Safety Administration: Assistant Chief Counsel for General Law, Office of Chief Counsel (NOA-33), National Highway Traffic Safety Administration, Room 5219, Nassif Bldg., 400 Seventh St., SW, Wash., D.C. 20590-0001. (202) 426-1834.

Research and Special Programs Administration (includes Materials Transportation Bureau): Chief, Environmental Technology Division (DTS-48), Research and Special Programs Administration, US-DOT, Transportation Systems Center, Room 3-55, Kendall Square, Cambridge, MA 02142-1001. (617) 494-2018; (FTS) 837-2018.

St. Lawrence Seaway Development Corporation: Deputy Chief Engineer, St. Lawrence Seaway Development Corporation, Seaway Administration Bldg., 180 Andrews

St., P.O. Box 520, Massena, NY 13662-1760. (315) 764-3256; (FTS) 953-0256.

United States Coast Guard: Chief, Environmental Compliance and Review Branch (G-WP-3), Office of Marine Environment and Systems, U.S. Coast Guard, 2100 2nd St., SW, Wash., D.C. 20593-0001. (202) 426-3300.

District I (MA, ME, NH, RI, and eastern VT): Commander, First Coast Guard District, 150 Causeway St., Boston, MA 02114-1391. (617) 223-3603; (FTS) 223-3644.

District II (Northern AL, AR, CO, IL, IN, KY, KS, MN, MO, northern MS, ND, NE, OH, OK, western PA, SD, TN, WI, WV, and WY (except Great Lakes Area)): Commander, Second Coast Guard District, 1430 Olive St., St. Louis, MO 63103-2398. (314) 425-4601; (FTS) 279-4601.

District III (CT, DE, NJ, eastern NY, eastern PA, and western VT): Commander, Third Coast Guard District, Governors Island, New York, NY 10004-5000. (212) 668-7196; (FTS) 664-7196.

District V (DC, MD, NC, and VA): Commander, Fifth Coast Guard District, Federal Bldg., 431 Crawford St., Portsmouth, VA 23704-5000. (804) 398-6000; (FTS) 827-9000.

District VII (Eastern FL, eastern GA, PR, SC, and VI): Commander, Seventh Coast Guard District, Room 1018, Federal Bldg., 51 SW 1st Ave., Miami, FL 33130-1608. (305) 350-5654.

District VIII (Southern AL, western FL, western GA, LA, southern MS, NM, and TX): Commander, Eighth Coast Guard District, Hale Boggs Federal Bldg., 500 Camp St., New Orleans, LA 70130-3313. (504) 589-6298; (FTS) 682-6298.

District IX (Great Lakes Area): Commander, Ninth Coast Guard District, 1240 E. 9th St., Cleveland, OH 44199-2060. (216) 522-3910; (FTS) 293-3910.

District XI (AZ, southern CA, southern NV, and southern UT): Commander, Eleventh Coast Guard District, Union Bank Bldg., 400 Ocean Gate Blvd., Long Beach, CA 90822-5399. (213) 590-2311; (FTS) 984-9311.

District XII (northern CA, northern NV, and northern UT): Commander, Twelfth Coast Guard District, Government Island, Alameda, CA 94501-9991. (415) 437-3196; (FTS) 536-3196.

District XIII (ID, MT, OR, and WA): Commander, Thirteenth Coast Guard District, Federal Bldg., 915 2nd Ave., Seattle, WA 98174-1001. (206) 442-5078; (FTS) 399-5078.

District XIV (AS, GU, HI, and TP): Commander, Fourteenth Coast Guard District, 9th Floor Prince Kalaniana'ole Federal Bldg., 300 Ala Moana Blvd., Honolulu, HI 96813-4982. (808) 546-5531.

District XVII (AK): Commander, Seventeenth Coast Guard District, P.O. Box 3-5000, Juneau, AK 99802-1217. (907) 586-2680.

Urban Mass Transportation Administration

Federal Region I: Regional Administrator, Urban Mass Transportation Administration, Transportation Systems Center, Room 921 55 Broadway, Cambridge, MA 02142-1001. (617) 494-2055; (FTS) 837-2055.

Federal Region II: Regional Administrator, Urban Mass Transportation Administration,

26 Federal Plaza, Suite 14-110, New York, NY 10278-0022. (212) 264-8162.

Federal Region III: Regional Administrator, Urban Mass Transportation Administration, Suite 1010, 434 Walnut St., Philadelphia, PA 19106-3790. (215) 597-8098.

Federal Region IV: Regional Administrator, Urban Mass Transportation Administration, Suite 400, 1720 Peachtree Road, NW, Atlanta, GA 30309-2472. (404) 881-3948; (FTS) 257-3948.

Federal Region V: Regional Administrator, Urban Mass Transportation Administration, Suite 1720, 300 S. Wacker Dr., Chicago, IL 60606-6755. (312) 353-2789.

Federal Region VI: Regional Administrator, Urban Mass Transportation Administration, Suite 9A32, 819 Taylor St., Dallas, TX 76102-6160. (817) 334-3787.

Federal Region VII: Regional Administrator, Urban Mass Transportation Administration, Suite 100, 6301 Rockhill, Rd., Kansas City, MO 64131-1117. (816) 926-5053.

Federal Region VIII: Regional Administrator, Urban Mass Transportation Administration, Prudential Plaza, Suite 1822, 1050 17th Street, Denver, CO 80265-1896. (303) 837-3242; (FTS) 327-3242.

Federal Region IX: Regional Administrator, Urban Mass Transportation, Room 1160, 211 Main St., San Francisco, CA 94105-1971. (415) 974-7313; (FTS) 454-7313.

Federal Region X: Regional Administrator, Urban Mass Transportation Administration, Suite 3142, 915 Second Avenue, Seattle, WA 98174-1001. (206) 442-4210; (FTS) 399-4210.

Department of Treasury

Manager, Environmental Quality, Physical Security and Safety Division, Department of the Treasury, Room 800, Treasury Bldg., 1331 G St., NW, Wash., D.C. 20220-0001. (202) 376-0289.

INDEPENDENT AGENCIES

ACTION

Assistant Director, Office of Policy and Planning, ACTION, Room M-606, 806 Connecticut Ave., NW, Wash., D.C. 20525-0001. (202) 634-9304; WATS #800-424-8580, ext. 81.

Advisory Council on Historic Preservation

Director, Office of Cultural Resource Preservation, Advisory Council on Historic Preservation, Old Post Office Building, Suite 803, 1100 Pennsylvania Ave., NW, Wash., D.C. 20004-2590. (202) 786-0505.

Appalachian Regional Commission

Director, Division of Housing and Community Development, Appalachian Regional Commission, 1666 Connecticut Ave., NW, Wash., D.C. 20235-0001. (202) 673-7845.

Civil Aeronautics Board

Chief, Environmental and Energy Programs (B-60C), Civil Aeronautics Board, Room 909, Universal Bldg., 1825 Connecticut Ave., NW, Wash., D.C. 20428-0001. (202) 426-9622.

Consumer Product Safety Commission

Assistant General Counsel, Office of the General Counsel, Consumer Product Safety Commission, Room 200, 5401 Westbard Ave., Bethesda, MD. (301) 492-6980. MAILING ADDRESS: Washington, D.C. 20207-0001.

Delaware River Basin Commission

Executive Director, Delaware River Basin Commission, 25 State Police Drive, P.O. Box 7360, West Trenton, NJ 08628-0360. (609) 883-9500; (FTS) 483-2077.

Environmental Protection Agency

Send comment request and documents about legislation, regulations, national program proposals and other major policy issues to Wash., D.C. Send comment request and documents about other Federal actions to the Federal Regional Administrator in whose area the action will take place. If the action involves more than one region, increase number of copies accordingly but send to the region primarily involved.

Director, Office of Federal Activities, Environmental Protection Agency, Room 2119-I, 401 M St., SW, Wash., D.C. 20460-0001. (202) 382-5053.

Federal Region I: Regional Administrator, U.S. Environmental Protection Agency, Room 2203, John F. Kennedy Federal Bldg., Boston, MA 02203-0001. (617) 223-7210.

Federal Region II: Regional Administrator, U.S. Environmental Protection Agency, Room 900, 26 Federal Plaza, New York, NY. 10278-0014. (212) 264-2525.

Federal Region III: Regional Administrator, U.S. Environmental Protection Agency, Curtis Bldg., 6th and Walnut Sts., Philadelphia, PA 19106-3310. (215) 597-9800.

Federal Region IV: Regional Administrator, U.S. Environmental Protection Agency, 345 Courtland Street, NE, Atlanta, GA 30365-2401. (404) 257-4727.

Federal Region V: Regional Administrator, U.S. Environmental Protection Agency, 230 S. Dearborn St., Chicago, IL 60604-1590. (312) 353-2000.

Federal Region VI: Regional Administrator, U.S. Environmental Protection Agency, 1201 Elm St., Dallas, TX 75270-2180. (214) 767-2600; (FTS) 729-2600.

Federal Region VII: Regional Administrator, U.S. Environmental Protection Agency, 324 E. 11th St., Kansas City, MO 64106-2467. (816) 374-5493; (FTS) 758-5493.

Federal Region VIII: Regional Administrator, U.S. Environmental Protection Agency, Suite 900, Lincoln Tower, 1860 Lincoln Street, Denver, CO 80295-0699. (303) 837-3895; (FTS) 327-3895.

Federal Region IX: Regional Administrator, U.S. Environmental Protection Agency, 215 Fremont St., San Francisco, CA 94105-2399. (415) 974-8153; (FTS) 454-8153.

Federal Region X: Regional Administrator, U.S. Environmental Protection Agency, 1200 Sixth Ave., Seattle, WA 98101-3188. (206) 442-5810; (FTS) 399-5810.

Federal Emergency Management Agency

Associate General Counsel, Federal Emergency Management Agency, Room 840, 500 C St., SW, Wash., D.C. 20472-0001. (202) 287-0387.

Federal Energy Regulatory Commission

Send comment requests and documents about legislation, regulations, national program proposals, major policy issues and Federal actions to:

For electric and hydroelectric matters—Director, Division of Environmental Analysis, Office of Hydropower Licensing, Federal Energy Regulatory Commission, Room 308, Railway Labor Building, 400 First St., NW, Wash., D.C. 20426-0001. (202) 376-1768.

For natural gas matters—Chief, Environmental Evaluation Branch, Office of Pipeline and Producer Regulation, Federal Energy Regulatory Commission, Room 7102A, 825 N. Capitol St., NE, Wash., D.C. 20426-0001. (202) 357-8098.

Federal Maritime Commission

Director, Office of Energy and Environmental Impact, Federal Maritime Commission, 1100 L St., NW, Wash., D.C. 20573-0001. (202) 523-5835.

Federal Trade Commission

Deputy Assistant General Counsel, Federal Trade Commission, Room 582, 6th St. and Pennsylvania Ave., NW, Wash., D.C. 20580-0001. (202) 523-1928.

General Services Administration

Send comment requests and documents about legislation, regulations, national program proposals and other major policy issues to Washington, D.C. Send comment requests and documents about other Federal actions to the regional office having responsibility for the area in which the action will take place.

Director, Environmental Affairs Staff (PRE), Office of Space Management, Public Buildings Service, General Services Administration, Room 2323, 18th and F Sts., NW, Wash., D.C. 20405-0001. (202) 566-0654.

Federal Region I: Chief, Planning Staff (1PEP) Public Buildings and Real Property, General Services Administration, John W. McCormack Post Office and Courthouse, Boston, MA 02109-4559. (617) 223-2707.

Federal Region II: Chief, Planning Staff (2PEP) Public Buildings and Real Property, General Services Administration, 26 Federal Plaza, New York, NY 10278-0022. (212) 264-3544.

Federal Region III: Chief, Planning Staff (3PEP) Public Buildings and Real Property, General Services Administration, 9th and Market Sts., Philadelphia, PA 19107-4269. (215) 597-0268.

Federal Region IV: Chief, Planning Staff (4PEP) Public Buildings and Real Property, General Services Administration, 75 Spring St., SW, Atlanta, GA 30303-3309. (404) 221-3080; (FTS) 242-3080.

Federal Region V: Chief, Planning Staff (5PEP) Public Buildings and Real Property, General Services Administration, 230 S. Dearborn St., Chicago, IL 60604-1602. (312) 353-5610.

Federal Region VI: Chief, Planning Staff (6PEP) Public Buildings and Real Property, General Services Administration, 1500 E.

Bannister Rd., Kansas City, MO 64131-3087. (816) 926-7240.

Federal Region VII: Chief, Planning Staff (7PEP) Public Buildings and Real Property, General Services Administration, 819 Taylor St., Fort Worth, TX 76102-6114. (817) 334-2531.

Federal Region VIII: Chief, Planning Staff (8PEP) Public Buildings and Real Property, General Services Administration, Building 41, Denver Federal Center Lakewood, CO 80225-0001. (303) 776-7244.

Federal Region IX: Chief, Planning Staff (9PEP) Public Buildings and Real Property, General Services Administration, 525 Market St., San Francisco, CA 94105-2708. (415) 974-7623; (FTS) 454-7623.

Federal Region X: Chief, Planning Staff (10PEP) Public Buildings and Real Property, General Services Administration, GSA Center, 1501 G St., SW, Auburn, WA 98001-6599. (206) 931-7265; (FTS) 396-7265.

Federal National Capital Region: Chief, Planning Staff (WPP) Public Buildings and Real Property, General Services Administration, 7th & D Sts., SW, Wash., D.C. 20407-0001. (202) 472-1479.

International Boundary and Water Commission, United States Section

Principal Engineer, Investigations and Planning Division, International Boundary and Water Commission, United States Section, IBWC Bldg., 4110 Rio Bravo, El Paso, TX 79902-1091. (915) 541-7304; (FTS) 572-7304.

Interstate Commerce Commission

Chief, Section of Energy and Environment, Office of Transportation Analysis, Interstate Commerce Commission, Room 4143, 12th St. and Constitution Ave., NW, Wash., D.C. 20423-0001. (202) 275-0800.

Marine Mammal Commission

General Counsel, Marine Mammal Commission, Room 307, 1625 Eye St., NW, Wash., D.C. 20006-3054. (202) 653-6237.

National Aeronautics and Space Administration

Environmental Compliance Officer, Facilities Engineering Division, National Aeronautics and Space Administration, Code NXC, Room 5031, 400 Maryland Ave., SW, Wash., D.C. 20546-0001. (202) 453-1958.

National Capital Planning Commission

Environmental/Energy Officer, Division of Planning Services, National Capital Planning Commission, Room 1024, 1325 G St., NW, Wash., D.C. 20576-0001. (202) 724-0179.

National Science Foundation

Chairman and Staff Associate, Committee on Environmental Matters; Office of Astronomical, Atmospheric, Earth and Ocean Sciences; National Science Foundation, Room

641, 1800 G St., NW, Wash., D.C. 20550-0001. (202) 357-7615.

Nuclear Regulatory Commission:

Chief, Environmental and Hydrologic Engineering Branch, Division of Engineering, Office of Nuclear Reactor Regulation, Nuclear Regulatory Commission, Room P-312, Phillips Bldg., 7920 Norfolk Ave., Bethesda, MD 20814-2587. (301) 492-7972.

Pennsylvania Avenue Development Corporation

Director of Development, Pennsylvania Avenue Development Corporation, Suite 1248, 425 13th St., NW, Wash., D.C. 20004-1856. (202) 523-5477.

Small Business Administration

Chief, Loan Processing Branch, Office of Business Loans, Small Business Administration, Room 804-B, 1441 L St., NW, Wash., D.C. 20416-0001. (202) 653-6470.

Susquehanna River Basin Commission

Executive Director, Susquehanna River Basin Commission, 1721 N. Front St., Harrisburg, PA. 17102-2391. (717) 238-0422.

Tennessee Valley Authority

Director, Environmental Quality Staff, Tennessee Valley Authority, 201 Summer Place Building, 309 Walnut St., Knoxville, TN 37902-1411. (615) 632-6578; (FTS) 856-6578.

United States Information Agency

Assistant General Counsel, United States Information Agency, 301 Fourth St., SW, Wash., D.C. 20547-0001. (202) 485-7976.

United States International Development Cooperation Agency:

For USAID matters, send to—Environmental Affairs Coordinator, Office of External Affairs, U.S. Agency for International Development, Department of State Bldg., 320 Twenty-First St., NW, Wash., D.C. 20523-0001. (202) 632-8268.

For OPIC matters, send to—International Economist/Environmental Officer, Office of Development, Overseas Private Investment Corporation, 1129 Twentieth St., NW, Wash., D.C. 20527-0001. (202) 653-2904.

United States Postal Service

Director, Office of Program Planning, Real Estate and Building Department, United States Postal Service, Room 4014, 475 L'Enfant Plaza West, SW, Wash., D.C. 20260-6420. (202) 245-4304.

Veterans Administration

Director, Office of Environmental Affairs, Veterans Administration, Code 088C, 810 Vermont Ave., NW, Wash., D.C. 20420-0001. (202) 389-3316.

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